

# From The STAFF

**F2 SKIP STARTS TO PRODUCE VIDEO DX...** Many TV DXers had anticipated it! There have been numerous mornings of strong signals into eastern North America in the vicinity of 48.25 MHz, and some days of 49.75 MHz video sync as well. On many of the same days, western North American enthusiasts noted New Zealand and Australia signals on 45.25 and 46.25 MHz. A few WFTDAers report actually viewing 625-line pictures. The big problem with this rare type of skip so far this season seems to be its unique kind of multipath ghosting, "like an E-skin signal on steroids" in the words of an observer. Signal strength can often be remarkable. Co-channel interference is another problem, compounded by the fact that quite a few North American utilities still operate narrow-band FM transmitters near the frequencies in concern. The real challenge for TV DXers now seems to be in identifying the signals--which can be done. Upcoming issues will no doubt contain more details--and hopefully some interesting photos! At this writing, we've had no word of F2 skip reaching North American channel 2 (55.25 MHz) yet, but it seems inevitable now, considering recent 50-51 MHz activity!

**FOR FM QSL HUNTERS...** National Radio Club has produced a new edition of their FM STATION ADDRESS BOOK. If you're an avid QSL (verification) collector, we strongly advise that you get a copy! The U.S.P.S. is very likely to return a DX report to you as "undeliverable" these days unless you have the station's address exactly correct. This handy listing can save you the hassle of having to obtain the data via a long-distance phone call to the DX station or a trip to the nearest library with a copy of BROADCASTING YEARBOOK. NRC collects data on FM station addresses in conjunction with work on their AM RADIO LOG, the best reference to the AM radio band we know of. See page 39 for info on ordering this great reference.

**BITS...** December's issue of the American Radio Relay League's magazine QST (which can be found in many libraries) will feature an in-depth study of the fantastic March 1989 auroral conditions. The amateur radio data that has been amassed tends to prove what FM and TV DXers already suspected--it was on a par with the best auroral events ever observed on VHF.

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# FM NEWS

Bruce F. Elving, Ph.D., Editor  
Box 24  
Adolph MN 55701-0024, U.S.A.

Contributions solicited in the worst (or is it best?) way!

## Readers' Reports—A VUD Exclusive!

Morris Sorensen, active in more than one DX club, says, "re your Oct. column, p. 3, 'Stereo or to be Stereo' CKLP 103.3 is stereo and always has been as far as I know. Add me to the list of fans of your FM Atlas. I plugged it in the October issue of my 'Domestic Broadcast' (AM-FM-TV) column in DX Ontario as one of my two most frequently consulted references for domestic DXing—the other being NRC's AM Radio Log." [Thanks, Morris, I appreciate that kind of publicity—b.e.]

"Delete my name if quoting me [writes a contributor]:

A comment that's overdue from me is: I can't believe someone would bitch about you making money through WFTDA. My feeling is: If you offer products or books to make our DXing easier or maybe helpful, then I'll gladly part with my money! Other DXers, too, would agree that they greatly benefit because of your fine work, Bruce, make as much money as you want from us! Don't worry about some 'person' who thinks otherwise! Keep up the great work! Ninety-nine point 99 percent of we WFTDAers appreciate your toil!"

Keith Pugh wonders if WTGA-FM 96.3 Thaston GA may have new calls. He only partially heard it in mono "with tinny distorted audio. Format seemed m: wasn't ks for sure." Both Keith and George Rogers heard a mystery 102.7 testing with no calls or ID, seemingly from the Chattanooga area. A pirate, or tropo? Keith said it had stereo and played a John Denver album over and over. Later in the same letter, Keith reports hearing the new WMQQ 102.7 Springfield KY in stereo, "Oldies 102," so I wonder if this is the mystery station thought to be in the "Chattanooga area," or is there a pirate?

Matt Sittel sent station news and writes that he enjoyed meeting me at the convention. "The best to you and your family." He was one of five so far to order the TV Factbook from my ad of last month. I wish I had more to sell; VUD classifieds get results! You might want to check ad agencies, TV stations or libraries for 1987 or 1988 copies which might be otherwise discarded. The same goes for "Broadcasting Yearbook," with the added prospect that radio stations might be donors.

"Please renew my subscription to FMedial for another year," writes James J. Nahrniak. "Check for \$18 enclosed. You mentioned in the November VUD that your subscription could go as high as \$45. If the price goes much higher, I think I will drop it."

"In some markets, AM radio is not yet dead. San Francisco's AM successes can be explained by the terrain that causes all kinds of problems for FM reception, especially in cars. But Detroit's flat topography is ideal for FM, yet AM stations are still popular. There are only five AM stations programming to Detroit with decent day and night signals (WJR, CKLW, WWJ, WCXI and WXYT). Only WCXI, with a limited appeal classic country format and FM



WWWW is having ratings trouble. WMTC 1310 Dearborn, weak or nonexistent on the east side, is up to a 1.9 with a mostly satellite-delivered 'classic soul' format. This is good enough to beat out five full-power commercial FM stations." Thanks to Paul Gaines for the picture of Brenda Matthews.

As the caption reads, "From 7 p.m. to midnight on WWWW 106.7, it's the Brenda Matthews show. She's been at the station since last year," having come from WLHT in Grand Rapids.

John Ebeling has "tried many times to get your translator—no such luck. Frequency (103.9) is dominated by WAKX translator. Even tried GE Superadio in null areas of WAKX; no luck." He sent bucks to renew FMedial for two years. If it folds before that, subscribers could be out some dough! I don't encourage more than one-year subscriptions. John also sent an article about Muzak and how it's being done more directly via satellites than over FM-SCS. So far no FM stations I know of have discontinued Muzak in favor of satellites.

Bill Nienjadly has sent a report to club HQ on modifying radios and tuners for more selectivity. The report has gotten me interested in doing these modifications, and I have ordered 10 180 kHz ceramic filters to experiment with but Bill warns that increased selectivity could affect how well the radios handle SCA, particularly at 92 kHz. I worked on a British Denon tuner that would get 67 kHz SCA well, but its 150-kz bandwidth did not permit 92 kHz SCS reception. Selectivity, despite the tuner's narrow FM bandwidth, was terrible. No improvement over other popular tuners or even receivers for DXing, I'd say. I read a report on tuners in a recent VUD. My comment is that some receivers can be good, too. My 1969 Fisher 500TX is still almost as good as most modern tuners, and with it I have an amplifier. After 20 years it still performs quite well, despite many repairs by John Ebeling and modifications I have done to it.

Bill N. confirms WHCR 90.3 New York as monophonic. With his selectivity modifications Bill addresses the issue of sound quality. "With the exception of a bit of loss of bass, a bit higher in tone (treble), other than that, who except an audio critic is even going to notice? This modification won't help image problems and the modification might not be as dramatic in some radios as in others. But it does work for me, and others would likely benefit. It's well worth looking into! Maybe you could get \$\$\$ modifying radios for DXers?" WLTW 106.7 calls its format "soft rock," not "elevator music," in an article Bill sent. He asks "what's wrong with New York city?" when a station like WLTW can't be true to its format and be "b" if it wants to be better than being "lame," right, Bill?

Fred Vobbe took me up on an offer, and I sent a taped interview for him on reel-to-reel at 19 cm/second for the NRC "DX Audio Service," which goes out to blind DXers. Sending some much-appreciated news from north FL was Debra Oliver, who works at a hospital in Fort Walton Beach. She has been getting skip, and sent some TV news which should go to Bill Fahner.

Mike Cherry: "The CRTC is about to call for applications to clog up yet another unused Class C frequency to serve greater Vancouver. I don't know yet what applications have been prepared, but as a consultant to stations with eclectic and unusual formats, I sure hope it isn't more boring, lame AC, pop, rock or whatever combinations can be thought of. My research shows a bad need for a commercial classical music station, as KING-FM (available on cable) is the only choice other than CBC's stereo service, which takes a more highbrow, less accessible approach that tends to focus on entire works as opposed to excerpts, or a more variable playlist. I shall certainly consider intervening in the event Vancouver gets bombarded with more of the same ol' formats. Incidentally, I was sorry to learn in October's FMedial that the demise of KFAC into KKBT was more than just a rumour. Sad, very sad indeed..."

KKGO Dumps j For c December, 1989

Ralph Strobel: "The VUD is certainly lat3 this month [October]. Did you get the tape I sent you? I purposely put 93.7 KRAI-FM Craig CO on the tape and calls sound like KRAA to Bob Zent, Dave Brumfield and myself. What do you think?" I agree, so I called KRAI-FM, and talked to the owner, who said they never have been KRAA. It must have been the way the announcer said them. The owner claimed KQZT 102.5 Craig is deleted, and then got suspicious of me as I asked more questions about his operation and his former competition. "What about WXTS 88.3 Toledo? I hear WXTS, don't you?" Yes, I do. "Keith's [Pugh] tape is very interesting! His March 13 aurora is fantastic! I've never heard aurora that was so audible, yet the static proves it was definitely aurora. He has 10 stations by Es from Jamaica. In next Atlas could you list stations from Cuba and Jamaica? Do you know their call letters and frequencies?" [None, I've lost track, and don't intend to keep DXers quiet for a while. I must also refute the statement by a contributor recently about the so-called death of reggae music. To the contrary, the music is very much alive and well and has in the last few years received a needed injection by the style known as 'dancehall reggae'. It is indeed true that reggae is long past its heyday and has ceased to be a fad since the mid-70s. . . One last comment on the CBC's final entry into Victoria BC. The West Coast Media Watch Society, probably the most persistent pressure the CBC has had in regard to service for Victoria, has issued a statement praising the CBC for finally putting 92.1 on the air; however, they claim it isn't enough. They want the CBC to establish local studios, with the ability to provide separate programming from the main stereo service (105.7 Vancouver). They are also insisting that the CBC establish a full-service AM station to rebroadcast the AM service with local originations. The CBC seems to be committed to eventually bringing the AM service to Victoria as their government allocated budgets will allow; however, Bruce, I am hard-pressed to think of a frequency to establish said service on. The AM band is completely full here with much clutter and adjacent channel problems already in evidence."

Now that KFAC has quit the commercial scene on L.A.'s 92.3, W. R. McIntosh writes that KKGO-FM 105.1 will be going to a fulltime Jan. 1. "That's good news to all of us who missed KFAC 92.3, and bad news to those who liked KKGO's long-time all-jazz format. I suspect there is more money and prestige in classical music than in jazz. They don't seem to be having any trouble selling commercials in their present parttime classical music hours." Mc also sent articles on KJQI 98.7 dumping b in favor of "soft vocals and light jazz," and how KOST 103.5 with its "soft hits" format is doing so well, it's at the top of the Los Angeles ratings. KOST, according to Arbitron, has gone past rival KPWR 105.9.

Nick Lombardi says there was something about KFAC in the October 30 Insight magazine, and on p. 13E of the Oct. 23 USA Today, and I heard a mention on the NBC Niteley News about it. "I have mixed feelings regarding your plans to raise the annual subscription price to FMedia! for individuals. . . After all, they can see basically the same information (albeit a month later) in the VUD for only \$17!"

Philip Michael Martin sent some tidbits, including WSKO-FM 97.9 beating out all Spanish competition in the NY market. "WNCN [104.3] bears listening; they have a very up tempo morning show, with AC formatics but still classical music."

KSTN-FM 107.3 Stockton is still mono, "currently broadcasting spurs on about 105.2 and 109.4. Earlier I complained to the FCC about spurs at 105.6 and 109.0, overlooking another at about 103.9," writes John Jefferson. "Too bad I don't count spurs as loggings--I'd have a couple dozen from KSTN-FM alone by now. . . nowspanning 105.3-105.7 and 109.0-109.3 as continuous garbage."

Hank Holbrook sent some fascinating news on NB and NS stations, gleaned from his DXing from MD, and from a verification from CBAF Moncton. "This brings questions to mind": CBAF Halifax is not operating on 92.3 with 100 kw. Is it on some other channel; is it not yet on the air, or is the verification writer mistaken?

Ralph Strobel: "The VUD is certainly lat3 this month [October]. Did you get the tape I sent you? I purposely put 93.7 KRAI-FM Craig CO on the tape and calls sound like KRAA to Bob Zent, Dave Brumfield and myself. What do you think?" I agree, so I called KRAI-FM, and talked to the owner, who said they never have been KRAA. It must have been the way the announcer said them. The owner claimed KQZT 102.5 Craig is deleted, and then got suspicious of me as I asked more questions about his operation and his former competition. "What about WXTS 88.3 Toledo? I hear WXTS, don't you?" Yes, I do. "Keith's [Pugh] tape is very interesting! His March 13 aurora is fantastic! I've never heard aurora that was so audible, yet the static proves it was definitely aurora. He has 10 stations by Es from Jamaica. In next Atlas could you list stations from Cuba and Jamaica? Do you know their call letters and frequencies?" [None, I've lost track, and don't intend to keep DXers quiet for a while. I must also refute the statement by a contributor recently about the so-called death of reggae music. To the contrary, the music is very much alive and well and has in the last few years received a needed injection by the style known as 'dancehall reggae'. It is indeed true that reggae is long past its heyday and has ceased to be a fad since the mid-70s. . . One last comment on the CBC's final entry into Victoria BC. The West Coast Media Watch Society, probably the most persistent pressure the CBC has had in regard to service for Victoria, has issued a statement praising the CBC for finally putting 92.1 on the air; however, they claim it isn't enough. They want the CBC to establish local studios, with the ability to provide separate programming from the main stereo service (105.7 Vancouver). They are also insisting that the CBC establish a full-service AM station to rebroadcast the AM service with local originations. The CBC seems to be committed to eventually bringing the AM service to Victoria as their government allocated budgets will allow; however, Bruce, I am hard-pressed to think of a frequency to establish said service on. The AM band is completely full here with much clutter and adjacent channel problems already in evidence."

Ben R. Wilkie sent a report on what he heard going to Albany from Geneva (NY). "By the way, since I last wrote, I changed hours at WNYR [98.5 Waterloo NY] to that of morning drive, something I thought would never happen. Haven't yet seen anyone log us in at any great distances. We could get a power increase by 1990."

This cartoon feature sent by Bill Nienajadly:



Ernie Wilson, in his "Experimental Broadcasters Newsletter," quotes from FMedia in a couple of places (Sept-Oct. issue). He says "Panaxis is gearing up for a specialty computer bulletin board service. We'll feature programs for electronics and radio experimenters, including amateur and broadcasting topics. . . The majority will be for IBM compatible computers (DOS); however, Apple, Mac, Atari, and Commodore programs may also be available. Subscribing rates are \$50 for a year, or \$20 for a 30-days trial. The BBS is scheduled for full operation on or before Dec. 1, 1989."

Finally, from today's mail, DXer Ernest Cooper writes: "I gather you don't react too favorably to suggestions, but nevertheless let me make one or two. I feel the term 'lame radio' is insulting to those of us who like what during our younger days was then known as popular music. It might also be a put-down to anyone who is physically handicapped to have music described as 'lame'. With the amazing things computers can do these days, it would seem to this 100% zero technical-minded person that it would be only a matter of

pushing a few buttons to insert the type of programming a station has in the 'by frequency' portion of the FM Atlas. Case in point: There's an E-skip opening into the Southeast. I tune to 92.1 and hear several stations bouncing in and out with one another. [Brownian motion? b.e.] One is carrying sports, one has k music, another r and another m. If the type of programming were shown under the 92.1 listing, it would give me a hint as to what we might be hearing-not a positive ID by any means, but a clue as to the identity of the station. As it is now, I'd have to go back to the by-state listings, and after seeing what towns are on that channel, finger through FL, GA, AL and SC to get that info which is needed pronto. See what I mean? It would be so much more important to DXers than the \$ sign (which is on almost every entry anyway!). Besides, we can see if the stereo light goes on on the receiver.

"I am with WOMR 91.9 [Provincetown MA] as a nonpaid volunteer deejay with concert band music and marches [definitely not 'lame' b.e.] for an hour on Saturday morning and host of Lower Cape Concert Hall on Mondays from 1 to 5 p.m., and I also do a weekly 15-minute interview show, 'Community Profile.' Our little station is in serious trouble financially, what with the 'Massachusetts Miracle' turning out to be a huge \$720 million deficit, and they are threatening to eliminate the Bureau of Arts and Humanities, from which we have derived about a third of our financing. . . Thank God Dukakis didn't become president! We'd probably be the 11th province of Canada by now. . . Thank you for all the work you do in keeping us informed as to what's going on in the FM world."

Now onto news that partially filled my FMedia newsletter last month. Look also for the fresh feature, which is getting more popular each month, in which I will tidbits from the previous month's VUD, called "See Also."

#### New FM Station, Translator Grants Selected stations only; more are in my FMedia newsletter

CA Granada Hills (W. R. McIntosh's town, which is about 3.3 km NE Northridge) K202BL \*88.3 (KCSE 88.5 translator)  
CA Pleasanton KFOG-3 104.5 300-watt booster of San Francisco station  
CO Evergreen 96.5 affirmed 1987 grant to Evergreen Radio Broadcasting Partners (99.000 h, 466 m, d+ [directional antenna])  
CT Bridgeport WPKI-1 95.1 250-watt booster of Brookfield station [Fort Myers]  
FL Clewiston W213AF \*90.5 (WAY 88.7)  
FL Dogwood Lakes Estate (30-51.567-85-47.75 between Bonifay and Caryville) \*91.1 700 h, 55 m, g, Shady Grove Baptist Church  
GA Crawford 102.1 3000 h, 100 m, GA Family Radio [Education]  
ID McCall \*91.7 970 h, 573 m, ID State Bd./

IL Lynnville (39-41-13; 90-20-45, just west of South Jacksonville) 107.1 3000 h, 100 m, Jordon Bostg. [In, Adal E. Stevenson 4 IL Mahomet (Champaign) 105.9 3000 h, 100 m]  
IN Austin 98.3 3000 h, 100 m  
IA Des Moines 107.5 50000 h, 110 m, Ronald Sorenson, to be rf, on about two years  
IA New Hampton KZCE 95.1 3000 h, 100 m  
KS Fredonia 104.1 3000 h, 100 m  
KS Hutchinson 97.1 2700 h, 105 m, KWHK  
KS Larned 106.9 3000 h, 100 m, P&S Bostg. [Bostg.  
LA Athol WCAT-FM (AM is in Orange-Athol)  
99.3 3000 h, 100 m, P&S Bostg. [Bostg.  
MI Grand Rapids 98.9 3000 h, 100 m, Heath/ Republic (Springfield) 99.5 3000 h, 100 m  
MT Ennis KKKJ 98.7 50000 h, 80 m  
MT Whitefish K219BN \*91.7 (KUFM 89.1 Missoula) [89.3 Norfolk]  
NE Columbus K212AV \*90.3 (translator of NE Hastings (transmitter Giltnor NE) \*89.1 64300 h, 329 m, NE Ed. Telecom, Commission [47500 h, 100 m, 00000 h, 286 m, NETC  
NE Lexington (transmitter Atlanta NE) \*88.7 NE Norfolk \*89.4 2300 h, 300 m, NETC  
NE Norfolk \*89.4 2300 h, 300 m, NETC  
NY Elm 91.5 100 watts h, 218 m, Northern NY Community College [Ray Reeves  
NY Laughlin 107.9 17000 h, 578 m, Jackie/ RM Russell KWFL \*99.5 3000 h, 22 m, g, R. Christian Center  
NY Frankfort (Utica) 94.9 50000 h, 150 m  
NY Old Forge 94.1 3000 h, 100 m, Ross Bostg.  
NY Plattsburgh \*91.9 380 h, 260 m, NE NY Public Telecomm. Council [on air  
OR Bend K201B \*88.1 (KWX 91.1 Eugene)  
OR Black Butte Ranch K206A \*88.1 (KWX)  
OR Coos Bay K28CW \*105.5 (KWX)  
OR Newport K2205X \*91.9 (KWX)  
OR Sunriver (20.5 km SSW Bend) K213BH \*90.5 (KWX) [He's Alive, Inc.  
PA Masontown \*106.9 3000 h, 100 m, g/  
PA Reno WHMU 93.1 3000 h, 100 m  
SC Williston 94.7 1300 h, 153 m  
TN Harragat 96.5 3000 h, 99 m, JBD, Inc.  
TN Jackson \*90.1 17000 h, 161 m, Memphis Community TV [in, Smith Bostg.  
TN South Pittsburg 97.3 27000 h, 188 m  
TX Kilgore \*88.7 7000 h, 10000 h, 122 m, K. Jr. College [in, Koinonia Bostg.  
VA Hot Springs WBHA 107.1 160 h, h, 429 m, JON Mayhew \*89.3 130 h, CBC, CBL AM  
Toronto relayer [of Wingham station  
ON Meaford CKNX-FM 104.5 5 watts, relayer/  
PQ Amos/Val d'Or \*91.5 34400, Radio Nord, to relay new Rouyn-Noranda station  
PQ Grand-Vallee 92.7 CJMC-15, relay of Sainte-Anne-des-Monts station  
PQ Jourdain 92.5 CHAD-5 watts h, Radio Nord, relayer of Amos PQ station  
PQ Marsoui 92.9 CJMC-15 watts h  
PQ Matagami 94.9 20 h, CHAD-  
PQ Mont-Louis 92.7 CJMC-15 watts h  
PQ Murdochville 92.9 CJMC-92.9 50 watts  
PQ Rouyn-Noranda \*90.7 16000 h, h, R. Nord  
PQ Sorel CJSO 101.7 10 in air on S, 3000 h, h, its 1320 AM is "deleted." CJSO has a variety of music and talk, including rock, easy listening, gospel and classical. "I am not sure how long this station, which is commercial, is going to last. Nobody can tolerate all that variety!" Unlicenced New

ON Oshweken "CFNC" 103.9 h, 10 watts, Six Nations Indian Reserve and/or New Credit Indian Reserve [they're adjacent, located southeast of Brantford], stereo status not known. "It's unlicenced at this time, but follows CRTC guidelines. Run by Grand River Communications Society."

#### Call Letters Assigned

AL Brantley 104.3 WHTA  
AL Enterprise 96.9 WDJR (from WLHQ-FM)  
AL Linden 102.9 WBAN  
AL Oxford 97.9 WKFN

AL Vernon 106.5 WJEC ("The Fox," r)  
AK Anchorage 100.5 KBFX (KENI-FM),/ AZ Cottonwood 105.7 KVRF-FM  
AZ Douglas 96.5 KOUD AZ Eagar 92.5 KVAO  
AZ Yuma \*88.9 KRRO AR Glenwood 104.5 KWKE  
AR Greenwood 106.3 KZKZ-FM (KZKZ)  
CA Bakerstov 107.1 KTIE CA Barstow 91.3 KSMN (KRCM)  
CA Central Valley 99.3 KNNN (KCIB)  
CA Grass Valley 99.3 KJFA CA Greenfield 99.5 KSUR-FM (KSUR; AM is in Solated, Now \$1ereo, classical) fulltime, signs off by midnight. KSUR 1 Pebble Beach also on, but not K2280 Carmel Valley.  
"Good coverage from Salinas to Paso Robles on US 101."  
CA Kings Beach 107.7 KBCH-FM; AM is in Lincoln City OR, Facilities to 750 watts h, v, 199 m.  
CA Kingburg 106.3 KJET CA Lenwood 104.9 KQO  
CA Los Angeles 105.1 KKGO-FM ("KKGO-FM; AM in Hepner gets new calls and goes all jazz), KKGO FM to be all classical by Jan. 1  
CA Los Gatos 95.3 KYAD (KATD), k [country]  
CA Manteca 96.7 KVFX (KIZS), "The Fox," still - (CHR)  
CA Mariposa 103.8 KXRA CA McFarland 102.9 KSUV (KXEM-FM), mono, [latin/ Spanish], AM/FM simulcast  
CA Modesto 106.3 KDAT (KBCY)  
CA Modesto 102.3 KJSN (KFIV)  
CA Ojai 105.5 KKUR (KMYX)  
CA Randsburg \*89.7 KGBM  
CA San Bernardino 95.1 KFRG (KOLH)  
CA Santa Barbara \*88.7 KFAC (KSCA), an acceptance of "altruism" legacy of KKBT 92.3 Los Angeles' changing of calls and format from classical. Now known as "FM-92." Is it "altruism," or a selfish motivation to keep the KFAC call letters from going to a commercial station competitor? "The local media have been full of articles about the loss of KKBT 92.3 classical music programming. I have spared your circular file since there was more heat than light... KKGO 105.1 (which in an earlier incarnation was classical music) has been a jazz station. They've now changed to classical, hiring Tom Dixon who had been with KKAC 92.3 for 41 years to head up their classical music efforts."

CA Santa Cruz 99.1 KLRS-FM ("KLRS; AM gets new calls). This station, which has its transmitter on Loma Prieta at the epicenter of last month's earthquake, not damaged. CA Temecula \*88.9 KRTM (KRRR)  
CA Yuba City 103.9 KXCL (KXEZ), said to be one of the worst cities in America to live in!  
CO Colorado Springs \*89.7 KEPK (KTLF) \*90.5 KTLF (KEPC) [new calls]  
101.9 KKCS-FM ("KKCS-FM; AM gets/ CT Norwalk 95.9 WEFX (WGMX), "The Fox," rp. "Heh! A lame station bites the dust! A welcome change!"  
FL Key Largo 103.9 WZMQ (WVBH)  
FL Lafayette 99.9 WOHI (WVXJ)  
FL Lehigh Acres 107.1 WCKT (WOO-FM)  
FL Marco 92.7 WGUF  
FL Melbourne 107.1 WAOA (WVTF)  
FL Orlando 105.1 WOMX-FM (WOMX)  
FL Port St. Joe 93.5 WMTO  
FL Sarasota 106.3 WSRZ-FM (WSRZ)  
GA Clayton 104.1 WLFA  
GA Folkston 92.6 WOKF  
GA Fort Valley 97.9 WVEG  
GA Leesburg 103.7 WIKX  
GA Milen 94.9 WMKO  
HI Aiea 107.9 KTSS  
HI Kekaha 103.3 KAUI  
ID McCall 101.1 KMCL

## Does WMTY-FM 103.5 Have Stereo?

ID Rexburg 98.1 KRXK-FM (KKQT)  
 IL Oregon 106.1 WLFW [in Peoria]  
 IL Pekin 104.9 WKL-FM (WKOA); AM plays/  
 IN Charlestow 104.3 WHOX  
 IN Roanoke 105.1 WHOR  
 IN South Whitey 101.1 WQBX  
 IA Clarinda 106.1 KQIS (did not use KMA-FM;  
 KMA AM is in Shenandoah)  
 IA Cresco 102.5 KZCQ  
 IA Manchester 94.7 KMCN  
 IA Sioux Center 93.9 KTSB (KVDB-FM)  
 KS Pittsburgh 96.9 KRKN (KKOW-FM)  
 KS Wichita 97.9 KRBK (KLZS)  
 KY Beaver Dam 102.7 WPV  
 KY Edmonton 97.9 WSRG  
 KY Georgetown 103.1 WTKT (WMGB)  
 KY Lexington 91.3 WUKY (WBKY)  
 KY McKee 107.9 WWAG  
 KY Millerton "90.1 WJCR  
 KY Salersville 97.3 WRLV-FM  
 LA Belle Chase 102.9 KNOX  
 LA Jonesville 101.1 KNES, not "Jonesville," as  
 on p. 110, FM Atas-12  
 LA Lafayette 95.5 KRRQ  
 ME Dexter 102.1 WGU  
 ME Howland 103.9 WPMV  
 ME Topsham 95.5 WLLB  
 ME Van Buren 98.1 WBKQ  
 MA Orleans 104.7 WKPE-FM (WKPE)  
 MI Bath 95.5 WBRX (WMBJ)  
 MI Dowagiac 92.1 WDCW-FM ("change to WHER  
 "set aside")  
 MI Greenville 107.3 WODJ (WPLB-FM), r,  
 "Oldies 107" (strict), ID with Grand Rapids,  
 \$  
 MI Pentwater 103.1 WVKG  
 MI Portage 96.5 WUBU (WLWJ)  
 MN Appleton "91.3 KRSU-FM" (KNOW); on  
 air, \$, c, 11B, 67 kHz  
 MN Mori 95.3 (not 93.5) KBEK  
 MN St. Paul "91.1 KSNJ-FM" (KSNJ-FM; AM  
 gets new calls)  
 MN Staples 94.7 KNSP-FM  
 MN Thief River Falls 99.3 KKAQ  
 MS Bruce 94.5 WLFO  
 MS Itta Ben "91.7 WVSD  
 MS Kosciusko 91.7 WJTA (WIWF)  
 MS Payette 106.3 WZRH (WRMH)  
 MO Mountain Grove 97.2 KCMG-FM (KRFI-FM)  
 MO Mount Vernon 106.7 KTJA  
 MO Owensville 95.3 KZLZ (KZBR), add \$, p.  
 160 FM Atas-12  
 MO South West City 100.3 KWMQ  
 MT Bozeman 95.1 KIUB-FM (KUUB), "Cube  
 FM." There is also a "Cube AM" [x-XXL].  
 NE Bennington 93.3 KRRK  
 NV Carson City 94.7 KWRV (KNIS)  
 NV Reno 106.9 KRNO-FM (KRNO)  
 NH Belmont 93.3 WCNH  
 NM Bloomfield 104.5 KCEM-FM (KMYD);  
 KCEM AM is in Aztec NM  
 NM Corrales "95.1 KSV  
 NM Las Cruces 99.5 KVLC  
 NM Rio Rancho 101.7 KZKL-FM (KZKL; AM is  
 in Albuquerque) "benny's Cool 99 FM"  
 NY Amsterdam 97.7 WKOL-FM (WKO), "AI/  
 NY Arlington 96.9 WEXT (WOLS)  
 NY Buffalo 103.3 WUFX (WPHD), still, "103.3  
 Fox," not strict  
 NY Deposit 94.7 WIYN  
 NY Dryden 90.1 WWER  
 NY Olean 95.7 WPIG (WOLN)  
 NY Port Henry 92.1 WMNN (WHWF-FM)  
 NY Rome 96.1 WFRG-FM (WFRG)  
 NY Watertown "91.7 WRE  
 NC Bayboro 97.9 WJCS  
 NC Elizabethtown 105.7 WSAD [ies], "Cool"  
 NC Jacksonville 98.7 WKOQ (WRCM), r (old/  
 NC Louisburg 102.5 WHLO  
 NC Washington 98.3 WZCI (WBRE-FM)  
 ND Fargo 107.9 KSMM  
 OH Akron "88.1 WZP (WZP-FM)

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## Facilities Changes Granted

OH Barnesville 93.5 WBNV  
 OH Nelsonville 107.7 WSVN  
 PA Boyertown 107.5 WYCL (WBYO), r (top 40,  
 but "Same"), ID with Reading [Erie]  
 PA Edinboro 97.9 WXTA (WYJ), k, \$, ID with/  
 PA Harrisburg 94.9 WWKL (WHKS), "Cool  
 94.9"  
 PA Mansfield "89.5 WXMU (WNTE)  
 PA Olyphant 95.7 WAXH  
 PA Portage 95.7 WKXU  
 PA Port Allegany 94.9 WNSY  
 SC Greenville "91.7 WHBS  
 SC Greenwood 103.5 WMTY-FM (WMTY), s  
 ("urban"), parallel to AM  
 SC New Ellenton 102.7 WAJY  
 SD Milbank 104.3 KMSD-FM  
 SD Salem 100.5 KSMU  
 TN Clinton 95.3 WYFC (WTNZ-FM)  
 TN Etowah 103.1 WDRZ (WDRZ), still "Z-103"  
 TN Selmer 93.9 WSIB, Mono, r, "J-94" (?), strict  
 TN Soddy-Daisy 102.3 WFXS (WVY), "Fox  
 102," still r  
 TX Beaumont 107.9 KWIC-FM" (KWIC-FM ;  
 AM has new calls), 305 m (100000 h, v)  
 TX Caldwell 95.1 KJIB  
 TX Fort Worth 107.5 KMEZ-FM" (KMEZ-FM;  
 AM in Dallas gets new calls)  
 TX Georgetown 107.7 KJWL  
 TX Killeen 92.3 KPKX  
 TX Mason 97.5 KOAX  
 TX Merkel 102.7 KFQX-FM" (KFOX-FM; AM  
 in Abilene gets new calls)  
 TX Monahans 102.1 KMGF (KQES), "Magic  
 102," adds Odessa-Midland ID, still m  
 TX Nacogdoches 107.7 KTQD (KTBC)  
 TX New Boston 103.5 KJIB  
 TX Odessa 90.5 KENT-FM (KEHC)  
 TX Olney 97.5 KJLR  
 TX Rosenberg 104.9 KFRR-FM" (KFRD-FM) ;  
 AM is in San Francisco CA—or is it still?  
 TX South Padre Island 92.7 KJBB (KESO); FCC  
 has apparently given this call sign to Caldwell  
 TX Texarkana 102.5 KYYR-FM (KOSY-FM),  
 now k, "Kicker 102.5"  
 UT Payson 92.3 KTCE  
 VT Cetane 94.1 WKOC  
 VT Danville 95.7 WSHX (WSNO)  
 VA Charlottesville 106.7 WJNA  
 VA Richmond 106.5 WVGQ (WVMX)  
 VA West Point 107.8 WPTG  
 WA Bellingham "91.7 KZAZ  
 WA Cheney 101.1 KEYF-FM" (KEYF-FM; AM  
 in Dishman WA gets new calls)  
 WA Richland 102.7 KORD (KZKZ)  
 WA Seattle 102.5 KZOK-FM (KZOK), "Classic  
 102.5"  
 WV Buckhannon 101.3 WBUC-FM (WUBI)  
 WV Danville 92.5 WZAC-FM (WZAC)  
 WV Elkins 93.5 WDNF-FM (WVHT)  
 WI Brillion 96.3 WLWR  
 WI Columbus 100.5 WWAM  
 WI Rudolph 99.9 WIZD  
 WI Stewart 104.7 WZXA  
 WY Cheyenne "89.5 K2088U (K208AP)  
 WY Worland 96.1 KWDR-FM" (KWDR-FM;  
 AM new calls)  
 VI Charlotte Amalie 97.9 WGOO-FM (WGOO)  
 NB Moncton "88.5 CBAF-FM (CBAF-26-FM)  
 "88.3 CBAF-FM" (CBAF-FM)  
 NS Bathurst 92.9 (from 104.9) CKLE-FM,"  
 also planning to increase its antenna height to  
 an as-yet unannounced altitude  
 NS Margaree 92.3 CBAF-12 (from CBAF-15), is  
 45 m (82 watts h, v), on air, French,  
 monophonic, studios at CBAF Moncton NB.  
 CBAF Halifax is not operating on "92.3." I  
 am still using the Scott 310 E FM tuner you  
 saw when you were 20 years ago, but  
 may soon replace it with a newer used set!"  
 writes Hank Holbrook

## Stereo, or to be Stereo

CA Prudale Amalie "89.7, "but shouldn't be.  
 At times their pickup of KLVR 91.9 Santa  
 Rosa is so noisy it's barely usable in mono!"

FCC-FM

IL Marshall WMMC 105.9, r (oldies), "Cool  
 Rock," signs off at 10 p.m.  
 LA Brusly KIEZ 96.3, b, ID with Baton Rouge  
 MI Bay City WUCX-FM "90.1, c, parallel to  
 WCMU "89.5 ID with Saginaw-Midland  
 MN Albert Lea KOPA 96.1, r, "Power 95"  
 NY Friendship WCDI "89.1 g, \$  
 NY Highland (Poughkeepsie) WRWD 107.3, k  
 NY Spencer WCII "88.5, g, "Family Life  
 Ministries is muddy the Southern Tier dial.  
 They started with WCIK "103.1 Bath, with a  
 relatively weak signal covering part of Steuben  
 County. A few months ago, they signed on  
 WCII "90.3 Elmira... Now I'll overlook the  
 fact that WCII is nearly within WCMU's  
 primary contour, but Family Life has put  
 WCII "88.5 in Spencer NY... With a 7000  
 watt, WCII will almost completely duplicate  
 WCMU's coverage area. My suspicion is that  
 WCII is a sneak-in attempt to cover Binghamton  
 without anyone noticing. There are no  
 religious stations in Binghamton right now  
 (just a WMHR translator), but Family Life  
 ought to have the decency to try to serve  
 Binghamton directly... Family Life's other  
 CP "89.1 Friendship NY, will be substantially  
 outside all three stations' coverage areas, and  
 in an area with just a secondary signal now  
 from WDX Buffalo, so there's no problem with  
 that."

ND Lakes KDDR-FM 92.3, m

OH Caldwell WNOV 104.9, k

OH Upper Arlington-Columbus WXMX 98.9, r

TX Tyler KGLY "91.3, cg

VA Appomattox WZST 102.7,

VA Blackstone WBBC-FM 93.5

PQ Jonguere CHOC 92.5

Pseudo-Studio

TX Arlington KYHI 94.9 "monocasting of  
 current tunes known to exist in stereo."

TX Dallas KZBS 92.5 "a dozen or so songs on  
 their playlist have apparently been carried up  
 in mono by mistake. I'm compiling a list to  
 FAX them soon." TX Highland Park KVIL-FM  
 103.7 had their stereo pilot off from about 2  
 to 7 p.m. one day, apparently to do some STL  
 maintenance. "I'm glad they were back to  
 normal during Bus Budschus' old show, since  
 one of my favorite stereo programs, KVIL-FM  
 normally has excellent audio quality."

Monophonic

CA Burney KIBC "90.5

CA Chester KCMT 98.8, temporarily mono,  
 "pending a fix to an AM noise problem"

CA Mount Bullion KICV 99.9 still mono,  
 although we back in stereo briefly; stereo  
 plagued by multipath

NV Fallon KVCE "89.5

NY Lake Ronkonkoma WSHR "91.9, "running  
 mono, format top 40"

TX McKinney KSSA-FM 95.3 "discontinued  
 stereo shortly after switching to a Spanish  
 format"

## Format Changes

Formats are the same as in the "FM Atas"

AL Birmingham WKXX 106.9 r, "X-106" (from  
 "Kix 106")

AL Dothan WOOF-FM 99.7 (ock)

AR Hoxie KHOX 100.5 r (dies), monophonic

CA Los Angeles KJQI 98.7 m, "EZ vocal and  
 new age mix"

CA Okiah KMRJ 105.9 jr

CA Yucca Valley KROF 106.8 k, "not g"

CO Craig KRAI-FM 93.7 m, no Spanish, tU  
 (telemetry). "We never were KRAF, and I'm  
 not sure about the SCA being at 67 or 92 kHz.  
 The engineer takes care of that."

FL Century WKYI 105.1 m, adult standards, \$

FL Fort Myers WFYI 95.3 r, Unistar oldies; new  
 name for Transtar. "[\$ from "O-101"]

FL Mariana WJAO 100.9 k, "O. Country,"/

FL Safety Harbor WXCR 92.5 r (from classical),

"U-92" (oldies)

See Also November VUD For:

CO Leadville KRMH 93.5 nonID "K-Rocky

Mountain High," Merrill, p. 41. Is apparently  
 stereo, or change "FM Atas," p. 155

CT New Britain WRCH 100.5 l list format as jr,

VT's WHGC a Stereo Station?

December, 1989

while p. 37, "Station News," shows it light  
 rock

FL Winter Park WLQO 103.1 ID with Orlando,  
 Merrill, p. 42

GA Baxley WBZY 94.5 temporary or permanent  
 mono? I assume temporary, Merrill, p. 42.

HI Humuula K27BDG 103.1—note transmitter  
 location, Remington, p. 46

IN Marion WMRI 106.9 FM-107, not "107 FM,"  
 Falconer, p. 36

MI Bear Lake WROT 100.1 need to know if it is  
 in stereo, Merrill, p. 42. I show no power  
 increase for it—3000 h, v, 100 m.

MO Webb City KIXQ 93.9 ID of Neosho-  
 Cartage added to Joplin, Strobel, p. 39

NJ Atlantic City WJLK-FM 94.3 "lame,"  
 "Station News," p. 43 [ic? Wylie, p. 37]

NY Sag Harbor WLNG-FM 92.1 still monoph/  
 PA Mercer WKTX 96.7 r, not gr, Falconer, p. 43

TX Crystal City KHER 94.3 Spanish, mono,  
 Merrill, p. 41

TX Sonora KHOZ 92.1 no more "Kicksie," and  
 dual programming with KIXQ-FM 94.7 San  
 Angel? Merrill, p. 41

UT Cedar City KBRE-FM 94.9 r, not p. NonID:

"Rock Hits 95," Merrill, p. 41.

AB Edmonton CBX-FM "90.9 'CIBC Stereo,  
 Alberta' nonID, Cherry, p. 40.

## On Air (Selected)

CA Lompoc KRCO 100.3 3700 h, v, 263 m, but  
 "KBOX 104.1 seems to get out much better."

CA Paso Robles KDBB 92.5 now with 4400 h, v;  
 458 m, from Cuesta Peak, serving San Luis  
 Obispo [on Oct. 15, \$, ?]

CA Philo KZYX "90.7, was to have signed/  
 MN Northfield KRLX "88.1—after being off all  
 last school year after a bulldozer knocked  
 their cable out. On 24 hours.

NY Buffalo WFB "89.9, \$, g. Family Stations,  
 Inc., but not its 92.1 Clarence NY translator

NY Rochester WIRO "93.3 "back on after a  
 summer hiatus, with \$, p format. Off

OR Coos Bay KYNG-FM 106.5 now with 4000  
 h, v, 166 m [moved from 101.1

VA Richmond WCVE-FM "88.9, having/  
 ON Orillia (Hillsboro) CBCO "91.5. One off five  
 point nine, 107.5 CBC stations still on the air,  
 but should soon go off."

Off Air or Not Yet On

AK Anchorage KDXZ 103.1, seeking a buyer.

CA Greenfield KQXZ 107.9

CA Santa Cruz KFER "89.9

IL Coal City WKBM 100.7 [there]

MA Amherst WHCI 100.9, "but no surprise/

NY Irondequoit WOSB 106.7. "Their signal will  
 cause tremendous problems for listeners of  
 WPCX Auburn here. Judging by the number  
 of WPCX bumper stickers, there are a few  
 loyal WPCX listeners in the area."

NY Jeffersonville WJF "90.5, but expects to be

on this month, to "provide the first public  
 radio service to its community... and the first

station, nationwide, to be powered directly  
 from a neighboring hydroelectric power  
 plant." Let me know \$ status, format for it.

NY Little Falls WDWB 105.5

NY Raves WRAV 94.5

NY Syracuse WFNY "90.3. "How can this one  
 coexist with 90.5 WBXL, a few km away in  
 Baldwinsville?" [By clever engineering—b.e.]

NY Utica WPNR "90.7. "I've passed through  
 [many times] and no WPNR. Anyone know  
 whether or not this station exists, and if so, its  
 schedule?"

NC Dunn WDKS 103.1, "silent pending sale."

OH Greenville WDRK 106.5, "Gone for good?"

OR Medford KOPE 103.5 [in 1987]

OR Roseburg K265CM 100.9, had been licensed/  
 OR Sutherlin KSR 101.1

OR Tri City KTRQ 104.3

PA Reynoldsburg WDSN 99.5

FCC—FM "inferior" Quality of AM Militates Against It  
PA Smithport WORM 106.3 (monophonic)  
TX Livingston KETX-FM 92.3 (still on 92.1/)

## Deletions

CA Laurel K216AX '91.1 (replaced by K212AR, see "Facilities, above")  
CA San Luis Obispo K222A 92.3, "no longer needed" (see above, "On 'Paso Robles")  
CA Santa Cruz K207AR '89.3, replaced by K212AR Laurel. "Perhaps KLEL San Jose objected. They had ample grounds to do so, as K207AR poured a Class-A equivalent signal into KLEL's coverage area."  
CA West Hollywood KMAX-2 107.1, "application for renewal of license dismissed"  
CO Craig KQZR 102.5, "They folded"  
MS Jackson WNCI '89.3  
MT Bozeman K224BO 92.7  
MT Great Falls K240BH 95.9, K276CV 103.1  
MT Helena K214AE '90.7, K224AB 92.7, had been licensed in 1978, but now off  
NV Henderson K257BU 99.3 had been licensed in 1983, but "has not ever been heard" locally  
[in 1983]

OR Ashland K221AW 92.1, had been a CP/  
OR Tri City K224AV 92.7, K244BC 96.7,  
K252BB 98.3  
PA Mansfield W212AE '90.3, frequency taken over by WCHI '90.3 Elmira NY  
"I admire your work in FM radio, and am thankful for being able to take advantage of your expertise. I look forward to receiving the radio with modifications, and the FM Adds."

## FM Mistakes, FM Atlas-12, FCC—FM

CA Nubieber 95.9 KVIPt, town misspelled p. 75  
map  
CO Delta KKKY 95.1 add \$ symbol to p. 104  
FL Crestview WAAA 104.9 add \$, p. 181  
GA Albany WUNY '91.7 add \$, p. 106  
IL Springfield WOJA '88.3 add \$, p. 143  
KS Independence KINF-FM 101.7 add \$, p. 174  
Leavenworth KCKW 98.3 add \$, p. 109  
KY McDaniels WBFI '91.5 add \$, p. 150  
KY Morehead WMOR-FM 92.1 add \$, p. 110  
KY Murray WBLN 103.7 (not 101.7), Oct. p. 14, col. 1.

LA DeRidder KEAZ 101.7 add \$, p. 174  
LA Jonesboro KTKO-FM 104.9 add \$, p. 181  
MD Baltimore WBYO '96.7 add \$, p. 111  
WHVY '96.7 remove \$, p. 111  
MO Branson KRZK 106.3 add \$, p. 185. FCC proposes to change its channel to a C3.  
MO Houston KUNQ 99.3 add \$, p. 169  
MO Ironton KYLS 92.7 add \$, p. 114  
MT Great Falls KGPF '89.9 add \$, p. 147  
MT Kalispell KOFI-FM 103.9 add \$, p. 115  
NE Imperial KKEI 103.1 remove \$, p. 178  
NV Elko KBXS 92.7 add \$, p. 154  
NY Sidney WCDQ-FM 100.9 remove \$, p. 117  
NY Jupier Lake WRG 102.3 add \$, p. 176  
OH Bellevue WNRR 92.1 not "Belleville," on p. 40 map  
OH Ironton WOUL '89.1 add \$, p. 145  
OH Millersburg WKLM 95.3 add \$, p. 160  
OK Lawton KOLI 94.3 add \$, p. 157  
PA Kane WLMF 103.9 add \$, p. 120  
TX Big Spring KBST 95.3 add \$, p. 160  
TX Galveston KRTX 104.9 add \$, p. 182

## SCServices, 67 and 92 kHz

Abbreviations are as in the "FM Atlas" (Selected only; more are in FM Medial)  
AR Jonesboro KJBR 101.9 no SCA, had t/f, M KFIN 107.9 t/f (talking commodities' news, 67; 1M, 92 (had 12, 67)  
GA Cumming WVEV '81.5 no SCS (1G not heard since September)  
IN Royal Center WHZR 103.7 t/f, "It's data, like 104.1 WLBC Muncie, "Now 'Hoosier 103" (strict), giving call only at five to the hour: WHZR Royal Center temperature is — degrees." On 24 hours; (800) 223-HITS.

IA Davenport KUUL 103.7 t/f, 67; "Cool FM," r (oldies) on main channel [67 kHz]  
MA Cambridge WWRB 95.3 t/f [ethnic], Italian, MN Austin KAUS-FM 99.9 t/f, MN Talking Book for the Blind, 92 kHz, "We had only been on a translator in Austin before."  
MN Fergus Falls KJKJ-FM 96.7 t/f, MN State Services for the Blind, 67, t/f, 92  
MN Northfield WCAL-FM '89.3 no t/f, 67 kHz, PQ Montreal CKUT '90.3 applies for SCMO  
CFQR 92.5 t/f, 67  
CBM 97.7 no SCMO; had t/f, 57 kHz  
PQ Quebec CBV-FM '95.3 no SCMO (had t/f, 67 kHz)  
"Virtually all the FM's in Montreal are stereo; virtually all fail to identify on any regular basis, but 'catchy' pseudo-IDs can be heard. Only a few (four out of 24) of the FM's have SCAs... Keep up the great publication; I'm enjoying FM more than ever."

## NonIDs, Not Just Slogans

AL Montgomery WBAM-FM  
AR Mammoth Spring KAMS 95.1 K Country 95 (not "Stereo 95")  
CA Grower City KWCJ 107.3 All New CD-107  
CA Long Beach KNAC 105.5 Pure Rock 105.5  
FL DeUnik Springs WQJH 103.1 Q-103  
FL Riviera Beach-West Palm Beach WMXQ 94.3  
The Mix, adds Boca Raton to ID list  
FL Tampa WFLZ 93.3 Power '93 (not "Z-93"), r  
IL Chicago WXRK 93.1 K-93 XRT Radio, "only sporadically using WXRK call"

WJMK 104.3 "despite [Roger Winsor's] to the contrary, use of call outside legal ID is still rare—uses 'Magic 104' ONLY on all jingles, as well"

IA Cedar Rapids WMT-FM 96.5 98% FM  
LA Kaplan KMDL 92.3 K-Middle  
LA Shreveport KWKH-FM 94.5 Radio Ranch (from "The Country Ranch")  
ME Boothbay Harbor WCMC 96.7 Light and Easy 96.7  
ME Brewer WKIT 100.3 K100.3 (from "FM 100")  
ME Farmington WKTJ 98.3 KTJ or "Katie J"  
ME Rumford WWMR 96.3 no nonID, saying "96.3 WWMR"  
ME Saco WHYR 95.9 R-96 (from 96-HYR)

ME Sanford WQCD 92.1 192-DOO  
ME Portland WTHF 102.9 no nonID, no longer using "FM 103"  
MI Alpena WHSB 107.7 HSB-108  
MI Billings KIDX 98.5 Magic 98 (from "FM '98")  
MT Helena KMTX 105.3 StarStation 105  
NY Buffalo WJYE 96.1 no nonID, slogan always used with call letters

NY Poughkeepsie WRNO 92.1 Q-92

OH Columbus WNCI 97.9 NCI  
OK Oklahoma City KLTE 101.9 Classic Hits (from "K-Lite 102")

PA Saugerties WEQZ 94.3 no nonID, saying "Magic 94.3 WEQZ," ID list includes Greenville, Edinboro-Titusville

PA Sharon WYFM 102.9 Light Rock 102.9

TX Abilene KORO-FM 100.7 Q-101

TX Corpus Christi KDCY 97.7 La Brava 97.7 FM,

Spanish rancheras in mono

TX Dallas KQZT 105.3 Star 105.3 (strict), from "Cozy 105.3" [still monophonic]

TX Mineral KMOO-FM 96.7 Double 0, /

TX Wichita Falls KQV 103.3 HitRadio QV-103, now all r (CHR)

WA Seattle KSEA 100.7 (listen carefully) is K-Sea 101 FM, not "KC-101"

WI New London WQZG 93.5 no nonID

NS Sydney CKPE 94.9 K-94 FM (from "Cape Cod 95")

PQ Magog CIMO 106.1 still Seem-Oh, "Star Cent Six" refers to a program that is on once a week—not a station slogan

PQ St. Georges-de-Beaupre CIRO 99.7 Le FM Country (strict; "dropped IDs")

BQ Tijuana XHTZ 90.3 2-90 (to be listed on the

December, 1989  
CA map, FM Atlas-13) [FM Atlas-13  
XETRA-FM 91.1 91-X, to be on CA map, /]

## Multi-City IDs in Use

CA Mojave KAVS 97.7 with Lancaster CO Alamosa KZRA '88.7 with Taos NM  
IL East St. Louis WSNL 101.1, again giving its ID with St. Louis MO, still "Sunny 101" (strict), r [Lexington, \$, s]  
KY Nickelsville WCKU 102.5 with/ LA Shreveport KITT 93.7 adds Boca City LA  
MA Framingham WVF 105.7 with Boston MN Waseca KWQD-FM 92.1 with Owatonna  
MI Lincoln WBJS '90.5 with Middletown NM Albuquerque K101 103.3 with Santa Fe SC Seneca WBFM 98.1 with Greenville-Anderson  
TN Waverly WVRY 105.1 with Clarksville-Dickson, \$, r (earlier report claimed k format)  
TX Dallas-Fort Worth KERA-FM '90.1 with Danton [drops Lake Charles LA  
TX Orange-Baumann-Port Arthur KIOC 106.1/ VT Lyndonville WWLR '91.5 with St. Johnsbury-Littleton (NH)

## FCC—FM

OR Cave Junction KIVR 1400 silent  
VA Colonial Heights WPVA AM 1290 silent  
WA Spokane KRSS 1230 silent  
WA Vancouver KVAN AM simulcasting with KMJK 106.7 Lake Oswego-Portland OR  
"My favorite part of FCC news is AM Happenings. I am most pleased to see redundant AM stations going by the wayside."

"FM has a few weaknesses, but they're piddling compared with the woes of AM. That's why FM has turned AM into wimp radio all over the world. Turn on the FM and you get music-in stereo; Turn on AM and you get yak-yak. Even AM stereo has all but disappeared. Nobody wanted it. It was a typical airdash idea: Take something that sounds bad out of one speaker and make it sound bad out of two," writes Al Fasoldt in the Sunday "Star Ledger," Newark NJ

## FM Rulemakings

*See these summarized in my FM Medial newsletter, now more expensive than ever for DXers to subscribe to. The DXers' rate is \$25/year, up from \$16/year. If you haven't subscribed to FM Medial by now, chances are you never will, so enjoy this VUD column, which I will allow to only summarize what my other rag has!*

What Howard Says, By Howard Enstrom, Editor, "The Signal Source," A Magazine About FM Translators and Low Power Broadcasting

That sign "AM Fights Back!" Grrr. Is it hype for solidarity? Or the secret weapon AM interests used to fight FM and Armstrong in the '30s? That was dirty.

I am not anti-AM, but I am pro-FM because it is a superior technology. I'm concerned for AM owners, having been one. But many engineers share my view that AM stereo and anti-skywave antennas offer little hope.

Read my stories about Armstrong and FM's struggles, how AM moguls tried to kill FM, of how the FCC, mandated by Congress to foster development of broadcasting, dealt with the issue, how FM just got started in the 45 mHz band, when WWII halted everything. Then, after the war, the band moved to 100 mHz, and the overshadowing, public mesmerizing effect of TV.

But beautiful FM and its marvelous black boxes called translators are here. And all shook up, are the same moguls who, with the entertainment industry, have done so much to cultivate a taste for sleaze in the defoliation of values for a whole generation. The fallout is broadcast and printed as ugly news.

NCE-FM service, secular and religious, now has the opportunity to efficiently expand its realm of influence for a better way. The Commission gave fair hearing about NCE-FM alternate signal delivery, and has demonstrated that it views public service through a wide-angle lens.

NY Brockport WASP 1590 AM was off the air, with former employees making publicity about not getting paid, nowsotck of back on. "When we got our checks it was kind of a footrace to get to the bank. Theoretically, whoever got there first could get whatever money there was." "I visited WASP... it is as bad as they describe; the format is now country and classic hits. The staff is made up of two teenagers, the phone is disconnected, the signal is abysmal, WBSU is on 89.1, but I'm not sure if they are at full power or not; the signal was sort of weak. WBKT [the remaining Brockport station] was on 93.3, but their signal was poor, even for a 10-watt Class D."

Get an (old) FM Atlas for \$3.05!

the lyrics to which can be found on p. 41 of the October 9 Broadcast. Neither WLLZ nor Legacy principals were willing to discuss the matter with the media. DJ Ted Nugent of WLLZ is said to be "lewd, crude and gross" in his utterances. The *Detroit Free Press*—"The Constant Listener" wondered in print if the station will "opt for more tasteful humor."

Also hit with an indecency complaint is KLSS-FM 106.1 Mason City IA. A minister, Robert Brunk, wasn't pleased with a sexual joke about the late Liberace during the morning show. The FCC has asked the station for a response, and may take action against the station.

Other Small Print Happenings and FM Industry News

NAB has asked the FCC to clarify its rules allowing certain Class As to increase to 6 kw. It applauded the FCC for its "selective" approach to Class A upgrades. The NAB wants the Commission to clearly define what a "short spaced" station might qualify to increase its power. At it again is a NJ group, now re-dubbed the United Class A Broadcasters, which wants the FCC to give blanket approval to the 6 kw upgrades. They're confident of eventual 6 kw across-the-board boosting of Class A powers, but see present rules as unnecessarily slowing down the process.

The FCC has just announced over 500 Class As with clear minimum spacings will be able to go to 6 kw automatically, having only to file FCC Form 302 within 10 days after implementation.

About 800 other Class As won't be able to immediately file for the upgrade, and another 450 along the Canadian and Mexican borders will have to wait until creative signs are signed. The list just came out, and I expect to print it in this month's FM Medial. Also in FM Medial last month were reports of how Hurricane Hugo and the San Francisco earthquake affected various FM stations.

The FCC granted the application of Royce International to renew the license of KWOB 106.5 Sacramento CA, and denied the competing application of Wong Communications. Low power FM: A "talking billboard" in Williamsport PA on 101.5 promotes cellular phones, and can be heard by motorists driving along West Third street, from Hepburn to Market streets. The 32-second message from United States Cellular includes a telephone number for a 30-day free trial. In Janesville WI, the FCC fined one Matthew Gross \$750 for operating an unlicensed transmitter on 88.1. Because U. S. attorney was present, the equipment was not confiscated. The pirate operation, "WZLX," featured heavy metal music. Jones Intercom, CATV, supplied equipment used in tracking down the miscreant.

Bob Watson, technical director of MN's Talking Book for the Blind SCA service, notes that there are not enough FM stations available to deliver reading services to all the people who need them in the country. And there is reluctance for stations that are available to provide the service. Watson notified me of two commercial and one public station in MN that have recently embraced his service. Wisconsin is using it part-time off the satellite, and he was not aware of that. If you're a broadcaster and want to see what an SCA reading service can do for you, Eric Small at Modulation Sciences donated a Sidekick generator to the Association of Radio Reading Services. ARRS member stations, and possibly others, can borrow the unit on a one to two month trial. For more information contact Charlotte Cassidy-Mann or Elmer Fischer, Ohio Educational Broadcasting 2470 North Star Road, Columbus OH 43221; (614) 644-1714.

Classical music magazine "Ovation" printed a quick note in Price UT. J. Dart; (801) 637-0863.

Want to buy FM transmitter for high school or gladly accept donations. J. Mangold, KTBD, 100 Champions, El Paso TX 79912. Most back issues of the "FM Atlas" sold, except for some of the 11th edition, \$9.50, and the 1973 Second edition [reprint], \$2.50 plus .55 S&H. For out-of-print editions only, Carol ran off photocopies of the introductory essays. These range from two pages in the First edition, 1971, to 10-12 pages in many of the Other editions. Each can be ordered at \$1.50 per edition. Get all nine of the out-of-print essays for a package price of \$8.75, or order the ones you may be missing. Writes a DXer-reader: "Wow, what a difference from the 1973 FM Atlas (which I just received) to the present. A LOT of stations weren't on the air then. What station is crowding now! More readers should get your back issue 1973 for historic value to see how much different things were back then! Very interesting!"

Until next month in the VUD,

73,  
Bruce F. Eason

ceases publication. This has affected stations like WCRB 102.5 Waltham MA, which distributed its program guide in the rag.

Power DuFree Broadcasting has formed a group of translator operators to oppose the NAB, and fight for on-air origination by the illigitim stations. Notably, Gerry Turro has made news for his planned origination programming 24-hours a day on his W276AQ Fort Lee NJ. The new American FM Transistor Association is for FM translators, while the other older National Transistor Association is oriented toward TV. John LaTour of Power DuFree has a toll-free number, (800) 544-6969.

Paying a buck for a radio station—that's Tim Cutworth, who spent that sum for off-air KURA Duray CO. Cutworth hopes to parlay old equipment he's saved from high school to help bring the KURA operation up to par, and will automate the station with one fulltime employee, who will act as manager, ad salesperson and sports reporter, plus parttimers. He rescued an unidentified "bankrupt" station in Denver for 11 m on, and feels he can pull KURA out of its slump. KURA had stereo on 104.9, so it's hoped he can bring it back with that feature.

FCC station count: 4695 AM stations and 4240 FM (commercial) licensed and 1407 FM translators.

From the classifieds: Director of engineering, BA, Salary: Mid thirties Send letter, resume, names of three references to Dr. Richard Bullington, chair, search committee, Boise State U., 1910 University Drive, Boise ID 83725. EOE. Tim McCartney must have left.

Development director for former museum station. Fulltime, fundraising, promotion, outreach. Letter and resume to KVMR, PO Box 1327, Nevada City CA 95959. EOE.

Want to buy Segura 1 FM tuner with scope, working condition only. P. Madnick, DTG, 5743 Corra Ste. 207, Westlake Village CA 91362; (818) 706-3338. A DXer.

Class A FM and 10 kw AM daytimer priced for quick sale in Price UT. J. Dart; (801) 637-0863.

Want to buy FM transmitter for high school or gladly accept donations. J. Mangold, KTBD, 100 Champions, El Paso TX 79912.

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# Television news

Bill Fahber, editor  
336 Atlantic Street  
Bridgeton, NJ 08302

**ABBREVIATIONS USED IN THIS COLUMN:**  
 AAT<sub>m</sub> Height (meters) above average terrain  
 AG Antenna height above ground  
 ASL Antenna height above sea level  
 AZ Azimuth (North=0°)  
 BT Beam Tilt  
 CP Construction permit  
 CRTC Canadian Radio-television and Telecommunications Commission  
 DA Directional antenna  
 ELL Elliptical polarization  
 ERP Effective Radiated Power  
 FCC Federal Communications Commission (USA)  
 HOR measured along a horizontal plane  
 MAX In the direction or elevation of maximum signal strength  
 MP Construction permit modification  
 TL Transmitter or tower location  
 + carrier frequency offset 10 kHz above standard  
 - carrier frequency offset 10 kHz below standard  
 Z carrier frequency not offset

## APPLICATIONS FOR NEW TELEVISION STATIONS

ST CH ERP AAT<sub>m</sub> CITY/APPLICANT  
 MT 20 15 130 Billings; Echonet Corp. (amended)  
 TN 26 1232 149 Knoxville; Channel 26 Ltd.

## APPLICATIONS DISMISSED

CA Eureka; ch. 29; Charles M. Lohr.  
 MT Billings; ch. 6; Mark L. Wodlinger.  
 NC Greenville; ch. 14; Coastal Plain Television Inc.  
 TX Houston; ch. 61; Alliance Broadcasting Co.; Houston Family Television Ltd.; SMJ Television Co.  
 WA Seattle; ch. 45; Duane Tomko; Seattle Channel 45 Broadcasting Inc.

## CONSTRUCTION PERMITS GRANTED

ST CH ERP AAT<sub>m</sub> CITY/APPLICANT  
 CA 29 1451 511 Eureka; James & Sharon Deon Sepulveda  
 MT 6 100 146 Billings; BHC Associates  
 NC 14 5000 457 Greenville; Karl Holbrook Stoll  
 TX 61 5000 596 Houston; Urban Broadcasting Systems  
 WA 45 5000 393 Seattle; Allen E. Hom

## CONSTRUCTION PERMIT CANCELLED

ST CH CALLS CITY  
 KS 44 KXSK Salina

## APPLICATION TO MODIFY CONSTRUCTION PERMITS

ST CH ERP AAT<sub>m</sub> CALLS CITY  
 WA 51 5000 229 KBEH Bellevue

DECEMBER, 1989

## APPLICATIONS TO CHANGE EXISTING FACILITIES

ST CH ERP AAT<sub>m</sub> CALLS CITY  
 FL 28 1250 228 WPGX Panama City (cp)  
 PR 12 375 665 WOLE-TV Aguadilla (cp)  
 PR 44 250 372 WVEO Aguadilla (cp)

## CHANGES GRANTED STATIONS ON THE AIR

FL Jacksonville; WJKS, ch. 17. I don't know what alls these figures, anyway. Station was granted a CP three years ago (see 11/86 VUD), which is probably still active. So why is this station being given another permit instead of a modification? Was the other permit constructed and licensed already, or did it just expire? Maybe John Combs can help me on this. Anyway, the new CP calls for 4680 kW max ERP; 304m AAT/298m AG/309m ASL; DA BT. Which isn't all that different from either the license or prior permit.

FL Panama City; WPGX, ch. 28; granted MP to reduce ERP from 1936 kW max to 1250 kW max; same TL and height.

IN Gary; WYIN, ch. 56; granted license to cover cp for new station; minor changes reflected in this license: 1350 kW max ERP; 306m AAT/297m AG/517m ASL.

MI Grand Rapids; WOTV, ch. 8; granted CP to raise ERP from 282 kW to 316 kW max; reduce antenna height 13 meters to 302m AAT/296m AG/546m ASL; same TL.

OR La Grande; KTVR, ch. 13; granted CP to reduce ERP from 12.9 kW to 7.20 kW; 78m AAT/21m AG/2195m ASL (reduction of 6 meters); same TL.

PA Wilkes-Barre; WBRE-TV, ch. 28; granted CP to rebuild its wrecked tower; ERP to be reduced from 4120 kW max/2290 kW hor to 3020 kW max; 509m AAT/248m AG/890m ASL (35 meters lower than former tower); same TL.

VA Roanoke; WBRA-TV, ch. 15; granted CP to increase ERP from 631 kW max/283 kW hor to 3112 kW max; 628.5m AAT/75m AG/1215m ASL (6 meters lower); same TL.

WA Tacoma; KSTW, ch. 11; granted CP to raise antenna 79 meters to 363m AAT/273m AG/399m ASL; same ERP (316 kW) and TL.

## CALL LETTER APPLICATIONS: EXISTING STATIONS

ST CH CALLS CITY/APPLICANT  
 AL 45 WCCS-TV Montgomery; WMCF-TV  
 FL 28 WFXD Panama City; WPGX  
 NV 4 KRN Reno; KCRL  
 SC 40 WLOA Anderson; WAXA  
 TN 39 WEMT Greeneville; WEFO  
 TN 16 WMTU Jackson; WJNT

## CALL LETTER GRANTS: NEW STATIONS

ST CH CALLS CITY/APPLICANT  
 AZ 4 KZJC Flagstaff; WTVW Inc.  
 CA 43 KZJE Clavia; San Joaquin IV Improvement Corp.  
 CA 29 KZJA Eureka; James & Sharon Deon Sepulveda  
 CO 25 KZJG Longmont; Longmont Channel 21 Inc.  
 FL 58 WDRG Burnell; Burnell Communications Inc.

## TELEVISION NEWS page 2

FL 58 WAWB Fort Walton Beach; Element 3, Inc.  
 FL 22 WYDR Key West; Penny Drucker  
 FL 52 WFLX Live Oak; WFRK  
 FL 52 WFLP Orange Park; Clay Television Inc.  
 GA 33 WJFL Dalton; Dalton Television Associates Ltd.  
 IA 39 KZJB Newton; Newton Broadcasting Co.  
 KY 50 WBTI Ashland; Video Image Productions Inc.  
 KY 49 WERK Paducah; MacPherson Son Broadcasting of Kentucky Inc.  
 ME 35 WWLA Lewiston; Kennebec Valley Television Inc.  
 MA 48 WYDN Worcester; Worcester Educational Corporation Inc.  
 NJ 60 WDKZ Atlantic City; Garden State Communications  
 NY 51 WYDM Batavia; Pulsar Video Inc.  
 NY 48 WYDC Turners Falls; Rural New York Broadcasting  
 NC 14 WYDO Greenville; Karl Holbrook Stoll  
 NC 64 WDZH Kannapolis; Community Action Communications Inc.  
 NC 4 WDZI Manteo; Manteo TV Associates  
 OR 28 KZJD Eugene; State of Oregon Commission on Public Bong.  
 PA 53 WDZA Williamsport; Williamsport TV Associates  
 PR 52 WDZB Carolina; R. y F. Broadcasting  
 TN 41 WYDL Union City; James Curtis Guthrie  
 TX 54 KFCP Austin; Balcones Brg. Ltd.  
 TX 16 KEGC Eagle Pass; Juan Wheeler Jr.  
 TX 65 KZJJ El Paso; UN2JC Communications Ltd.  
 TX 61 KZJL Houston; Urban Broadcasting Systems  
 TX 16 KIPO Lubbock; Lubbock TV 16 Broadcasting  
 TX 36 KZJF Paris; G&D Communications Inc.  
 TX 11 KETI Sonora; Tower Broadcasting Corporation  
 VA 65 WYUD Blacksburg; Southwest Virginia Television  
 WA 45 KHCW Seattle; Allen E. Hom  
 WI 68 WYDI Fond du Lac; Skycom Inc.

I find it peculiar that there be this sudden surge of call letters, particularly a few blocks of alphabetically adjacent letters (WDZ-, KZJ-, WYD-) for totally unrelated stations. It appears that the FCC must have adopted a new policy of assigning call letters to all its construction permits that have not yet applied for call letters.

## CALL LETTER GRANTS: EXISTING STATIONS

ST CH CALLS CITY/APPLICANT  
 CA 23 KAEF-TV Arcata; KREQ  
 CA 23 KAEF Arcata; KAEF-TV  
 NM 48 KZIA Las Cruces; KASK-TV  
 TN 30 WLMT Memphis; WMKW-TV  
 VA 27 WGNT Portsmouth; WYAH

## NEW STATIONS ON THE AIR

AK Anchorage; KDMO, ch. 332, went on the air 9/1/1989; 5000 kW max ERP; 30m AAT/161m AG/486m ASL; TL NE 1/4 of section 6, Township 12 North, Range 2 West, Anchorage; coordinates 61°09'57" / 149°41'02"; BT HQR; independent station; address: KDMO Television, 3435 Reka Drive, Anchorage AK 99508.  
 HI Hilo; KWHH, ch. 14, went on the air 10/1/1989; 13.2 kW kW ERP (not quite enough to reach mainland USA); -170m (below) AAT/44m AG/446m ASL; TL 71 Banyan Drive, Hilo; coordinates 19°43'51" / 155°04'11"; independent station; address: Le Sea Broadcasting Corp., Box 1400, Honolulu HI, 96817.  
 HI Wailea; KOGG, ch. 152, went on the air

3/22/1989; 750 kW max ERP; 1723m AAT/18m AG/2972m ASL; TL Mount Haleakala, about 32 km (20 miles) southeast of Wailea; coordinates 20°42'34" / 156°15'54"; FBC affiliate, satellite of KHNL, ch. 13, Honolulu.

TX Conroe; KTFH, ch. 49+, went on the air 6/1/1989; 5000 kW max ERP (according to latest CP, but recent MP application called for 4082 kW max); 359m AAT/356m AG/401m ASL; TL north of State Road 2090, 12 miles southeast of Conroe; coordinates 30°15'45" / 95°14'50"; independent station; address: San Jacinto Television Corp., 256 N. Bell Drive, Suite 49, Houston TX 77060.  
 TX San Antonio; KVDA-TV, ch. 60+, went on the air 9/10/89; 1471 kW max ERP; 456m AAT/457m AG/617m ASL; TL 2.5 miles east of Calaveras Lake, Bexar County; coordinates 29°17'39" / 98°15'30"; independent station; address: Nueva Vista Productions, 6234 San Pedro, San Antonio TX 78216.

## FORUM

Gonna be a real short column this month! With the FCC's freeze on television applications, there has been a big drop in applications for new stations and applications dismissed. Although I haven't reported consolidated hearings for several months, they have also been on the decline. Within the next year or two, if the freeze is still on, we will see a sharp decline in permits granted and new stations on the air.

Mail has also been light this past month, with only a few letters. So here we go.

**RICHARD STEINBERGER** (Hudson MA) sent in an article from the 10/9 *Marlboro Enterprise/Hudson Daily Sun*: "WHRC-TV went off the air at 1:30 p.m. Sept 21 and has been dark ever since. The fledgling independent station's future remains up in the air. Phone calls to the station's Cambridge (Mass.) sales office and the Channel 46 transmitter site in Foxboro went unanswered last week. Station owner Alan Lidow could not be reached for comment at his Los Angeles office.

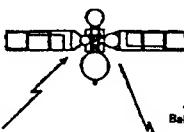
"Channel 46 maintained a local staff of about 12 people. Employees said they were told they still have jobs, but were asked to 'be patient' as management regroups. E. William Henry, Lidow's Washington, D.C.-based attorney, said that the FCC was advised that WHRC was off the air and planned to resume broadcasting in the 'near future.' Henry said the station did not cite a reason for going dark, though other sources pointed to financial problems."

"Lidow moved Channel 46's transmitter from Norwell to Brockton in April 1988 and jacked up WHRC's power to about 1 million watts. At that time, a varied program schedule was introduced...." "Channel 46 went off the air last December to relocate its transmitter to Foxboro. That move did not pay off. A balky generator there repeatedly knocked the station off the air." "The station has yet to secure a permanent tower site to permit it to go to full power, or as Lidow put it, from 'Middle 46' to 'Big 46.'"

"WHRC is the second TV station in the region to go dark this year. The Flatley Company's WNH-TV, Channel 21, halted its telecasts from Concord, N.H., on March 31 due to cash flow



# SATELLITE NEWS



GEORGE W. JENSEN  
4604 Annapolis Avenue  
Baltimore, MD 21206-4220

Greetings again. Lots of trivial problems amassed last month and a column was not possible. Still not too much new to report.

The Porn Channel I mentioned sometime ago using the VCI system is apparently the new Rendezvous PPV service using VCII with Video-Pal activation. This is on Spacenet 2 XPDR 3 along with its sister operation - Drive-In Pay-Per-View also VCII using Video-Pal.

Also still running full time on Spacenet 2 - XPDR 19 is SCOLA.

The new Showtime Sat Net/Viacom News Service is scheduled to be on Satcom 2 - possible XPDR 5 using VC2. News services in PAL and SECAM color formats can sometimes be seen on this bird.

CNN is using more and more transponders on Galaxy 2 for feeds and other events. Sunday Mass for Fox's New York Channel 5 is carried on XPDR 5.

The HBO Comedy Channel will be on Galaxy 1 XPDR 1 and possible on Satcom K-1 in VCII.

Home Team Sports has vacated Satcom 4 and is now on SpaceNet 3 23.

Z-Channel is now apparently just Sports Channel Los Angeles? - Satcom 4 XPDR 17

Note that virtually all CBS feeds are now encoded with only a very few exceptions.

In the near future Westar 4 will be phased out and replaced by a new Western Union Craft. Look for PBS to relocate many feeds on K-Bank maintaining one National Feed on C.

Keystone Inspiration is located on Westar 4 - XPDR 9 - religious.

On ANIK C-I -  
The French Sports Channel is operating with VC2.  
TVHQ - TV 5 is on D2 as is First Choice.

There is also operating a Chinese channel.

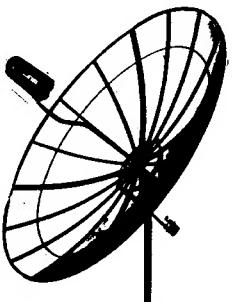
The Canadian Home Shopping Channel (English) is now on D2.

On Satcom 1 - 3 Angels is simulcasting on XPDR 16 as well as 17. On Morelos - there are many feeds too weak to decipher here, but there appears to be a SuperChannel type of operation testing on XPDR 9 or 11 with the ID - SuperCanal X-E-Ah The letters X, E and the sound of Aahh. (not the letters)

When CBC Newfoundland signs-on it gives a complete list of all affiliates. For those interested - here it is:-  
CBNT - ch 8 - St. Johns  
CBNT - ch 5 - Corner Brook  
CFLA - Goose Bay -  
CBNT - ch 13 - Labrador City  
I will try to list the 70 some repeaters at a later date.

See you in '90 and '93's

*George*



## QSL CORNER & LOGO'S RUN

Thomas J. Yingling, Jr., KA3TCC  
221 Pinewood Road  
Baltimore, MD 21222-2345  
Phone # 301-282-5649

NS 92.3 CBAF-FM-12 Margaree, X P. O. Box 950, Moncton, NB E1C 8N8. Letter and CBC qsl card back from Marcel Cantin, Regional Supervisor of Transmitter Operations, Province of New Brunswick, says "The conditions must have been unique for you to have captured our signal, Congratulations." My top skip qsl! Nice letter back in about 1 month for an 82 watt station, note error in FM Atlas listed as 100kw! This came in overtop WYST-FM Baltimore on same freq. (Hank Holbrook)

VA 105.3 WZCL Portsmouth, 1318 Spratley St., zip 23704. Letter back from Charles Rippel, CE & Executive Director of NASWA 1 who send a great letter back in 19 day about. (Hank Holbrook)

MD 98.3 WQMR Mechanicsville, The Morgan Bldg., Rt. 5, zip 20659. Letter back from Roy Robertson, GM in 13 days. (Hank Holbrook)

NS 92.1 CBHY Yarmouth, X CBC Box 3000, Halifax, NS B3J 3E9. Send CBC Halifax card with full data in 2 months. (Hank Holbrook)

TX 105.1 KYKS Lufkin, P. O. Box 2209, zip 75901. Send a handwritten letter from Dawn Christi, Morning Air Personality in 2 months. (Hank Holbrook)

AL 91.9 WMBV Dixons Mills, P. O. Box 91.9, zip 36736. Send letter, program schedule & bumper sticker from Robbie Moore, Station Manager who says they were also received in R.I. by skip. (Bruce Elving)

AL 91.5 WQPR Muscle Shoals & 91.5 WUAL Tuscaloosa, X P. O. Box 870370, Tuscaloosa, AL zip 35487-0370. Both qsl'd in one letter from Rena Stahmer, Dir. who says both stations are on from 5

GA ch. 22 WJCL-TV Savannah, P. O. Box 13646, zip 31406. Letter from J. Fred Pierce, executive Vice Pres. I send qsl, but the letter came back in station's own envelope in 27 days. (Jeff Wolf)

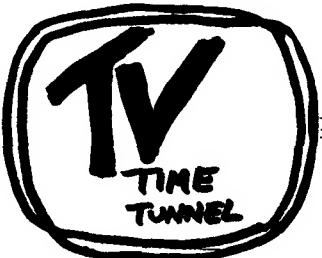
FL 105.9 WOCL Deland, X 2101 S.R. 434, Longwood, FL zip 32779. PFC (Pre-prepared

**KAJUN**  
103 FM  
MAGIC  
**WTUN**  
100 FM

**WYSO**  
91.3 FM  
**WBLM**  
101.7 FM STEREO

**WQWQ**  
We're All Beautiful Music  
101.7 FM STEREO





Submitted by Tom Bryant  
249 Todd Preis Dr.  
Nashville, TN 37221

## THE HISTORY OF TELEVISION [Part Two]

### World War II:

Electronic hardware was in high demand for the war effort, and as a result, television production was discontinued during the war years. Research, however, continued. In 1945 RCA perfected the image orthicon camera tube which improved video resolution and clarity even further.

### Channels Are Allocated:

In 1945 the FCC allocated 13 VHF channels between 44 and 216 mHz for commercial television, but noted at the time that there was not enough spectrum space below 300 mHz for an adequate nationwide system. Twelve of the VHF channels had to be shared with non-broadcast two-way radio services. To prepare for expansion, the UHF frequencies between 480 and 920 mHz were made available for experimental TV. In 1948, because of interference with commercial TV, the VHF sharing with 2-way was ended; and TV channel 1 (44-50 mHz) was deleted and assigned exclusively to land mobile (two-way) service.

### Postwar Milestones:

On September 17, 1946 television receivers again became available. January 3, 1947 marked the first telecast of the U. S. Congress in session. The inauguration of President Harry S. Truman was seen over 15 stations from Boston to St. Louis on January 20, 1949. On May 31 of that year the first closed circuit color telecast of a surgical operation was made from the University of Pennsylvania Hospital in Philadelphia. But, amid all the successes, major problems were coming to the forefront.

### The Freeze:

As the FCC had foreseen, it was evident that the available channels were too few for nationwide service. On September 30, 1948, the Commission stopped accepting new applications in order to study the situation. This was the so-called "freeze" order. Areas of consideration included developing new engineering standards, opening UHF channels for TV, considering color systems, reserving of channels for non-commercial use, and creating a national assignment plan for all channels.

### Into The '50s:

With the freeze in place the Commission began to tackle the problems at hand. Color was given top priority. Three systems were considered: the 'field sequential' system proposed by CBS; the RCA 'dot sequential' system; and the 'line sequential' system proposed by Color Television Incorporated. The FCC found the CBS 'field sequential' system was the only one that met its criteria for color operation; even though this system could not be received in monochrome on existing receivers (the others claimed theirs could). This method of operation was adopted in 1950.

[to be continued next month]

## T.U.C.C.I. [UNIDENTIFIED DX]

John F. Combs (N4SFS), 1308 Willow Branch #24, Jacksonville FL 32205

No, this is not a resurrection of the TV-CCI AIDS column! TV-CCI AIDS was intended as a companion column to compliment the original TV-CCI column. However, TV-CCI has not appeared in the VUD in over a year, and this installment will serve to introduce newer members (and re-introduce older WTTDAERS) to the principles and procedures of the TV-CCI column. Let's answer some of the questions that may be in your mind...

**WHAT IS THE TV-CCI COLUMN?** TV-CCI is a column wherein we try to solve your unidentified TV-DX. All members are encouraged to send their "mystery" loggings to the column. By the same token, all members are encouraged to look over others' unIDs and help to solve them.

**HOW OFTEN WILL TV-CCI APPEAR IN THE VUD?** As often as necessary, dictated by the volume of unIDs sent in. There is no actual deadline for TV-CCI--feel free to send your unIDs in at any time. When there is enough material for a page or two, I will do a column. Hopefully, that will turn out to be on at least a bimonthly basis.

**WHAT SORT OF UNIDENTIFIED LOGGINGS SHOULD I SEND TO TV-CCI?** The column is intended primarily for "high priority" loggings--those that you suspect may result in a new station or state, unusually long tropo loggings, possible double-hop skip, etc. Of course, if you are fairly new to a DXing location, many loggings may be potentially new ones. Use your discretion in deciding which unIDs to send. A second guideline is to only send unIDs that have a reasonable chance of being identified. For instance, a network program seen at its normal broadcast time is hardly specific enough to narrow down the possibilities. But a network program seen in an odd time slot (tape-delayed) is a good clue. Even syndicated shows like "Geraldo" and the ilk are run by many, many stations at common times (usually 0900 or 1600 local time), but seeing one of these shows at, say, 2330 would be unusual enough to have a good chance of being tracked down.

**IS YOUR JOB AS TV-CCI EDITOR TO SOLVE ALL MY UNIDs?** Heavens, no! I'm not Mr. Know-It-All and possess no psychic powers. I am most pleased to help solve your unIDs by using any resources I may possess to take some educated guesses. But the primary theme of TV-CCI is "DXers helping DXers" to solve those mysterious loggings. One DXer's possible double-hop may be your pesty local! The TV-CCI column is the "last resort"--when your own research, letters, phone calls, hunches, and wild guesses have failed to yield an ID, the TV-CCI column puts the collected minds of the membership to work!

**HOW SHOULD I SEND IN MY UNIDENTIFIED LOGGINGS?** Preferably in the same format in which they will appear in the column. Below are a few sample unIDed loggings for illustration:

Mon Jun 31 1800 EST Es ch 3 --- ABC "General Hospital" running 3 hours later than East Coast. Also noted a local news promo w/anchor Joe Blow. Odd time for delayed broadcast, so very likely a double-hop from the Pacific Time Zone. KEYT seems most likely. PTA: Western U.S. (PST)

1859 EST Es ch 6 --- Ad for "Buckaroo Bar & Grill" then ID "Rocky Mountain Television...K??" into CBS News (1900 EST feed). PTA: Rockies.

Sun Oct 13 0225 EST Tr ch 49 --- Fox affiliate w/promo for "21 Jump Street," AIDS PSA, then very brief s/off w/no SSB. Off & on testing with 3/4 CB all night. Can't find it in any list--new station? PTA: Eastern Seaboard from Carolinas to MD.

0257 EST Tr ch 66 --- TBN station, no 0300 ID, so probably an LPTV. PTA: as above.

Include as much information as you have: network, offset, local ads, test patterns, etc. The PTA is the Probable Target Area: the geographic area you think is most likely the source of the DX (the more specific, the better). Times should be your local clock, but be sure to indicate if the suspect station may be in another time zone.

**WHAT SHOULD I DO IF I CAN IDENTIFY SOMEONE'S MYSTERY LOGGING?** Two things. First, send the DXer in question a card or letter with the information. Then, also send that ID to the TV-CCI column. The former insures that the DXer gets the info quickly, without waiting for the column to appear; the latter is for the benefit of other members who may, after all, log the same station some day!

Each installment of TV-CCI will also include a brief discussion of hints and tips for identifying your DX in a series called "The Art of the I.D." (And yes, there is somewhat of an art to it! It's not always sheer, dumb luck.) After all, no matter what your DX interests, there's nothing as frustrating as an unidentified signal!

One last note: I would welcome any TV GUIDE editions that members wish to donate to the column on a regular basis! Newspaper skeds including new, obscure, or LPTV stations are particularly desired. So don't wait! Send your baffling unIDs today! '73, JOHN



# NORTHERN FM-DX

FOR DXers in: CANADA, ME, VT, NH, MA, RI, CT, NY, PA, NJ, OH, MI, IN, IL, WI, MN, ND, SD, NE, IA, MT, WY, IA, WA, OR, AND AK.

DECEMBER 1989

DEADLINE: NOW THE FIRST



HAPPY HOLIDAYS!!



**DAVID BRUMFIELD - 1618 CHESTER BLVD - RICHMOND, INDIANA 42374**

Equipment: Akai VO-4 Tuner - Winegard Antenna - GE Superradio with whip

**APRIL 21 TROPO**

2222 WIZN 106.7 VT Vergennes-Burlington  
2224 WRKZ 106.7 PA Hershey

**MAY 5 E-SKIP**

1644 KHOY 88.1 TX Laredo  
1650 XHSAB 108.5 NL Sabinas Hidalgo

**MAY 29 TROPO**

0439 WKBQ 106.5 IL Granite City/St Louis  
**MAY 31 E-SKIP**

1955 KCEV 108.3 KS Wichita, g

2045 KYCS 95.1 WY Riverton

2053 KTAK 93.9 WY Riverton

2053 KQSW 106.5 WY Rock Springs

KDLY 107.5 WY Lander

2127 KYGO 98.5 CO Denver

2133 KRAI 103.7 CO Craig

2133 KQZR 102.5 CO Craig

**JUNE 1 TROPO**

0017 WWKS 106.7 PA Beaver Falls

**JUNE 12 METEOR SCATTER**

0450 WIZN 106.7 VT Vergennes-Burlington

**JUNE 14 E-SKIP**

0917 WAY 88.7 FL Ft. Myers-Naples

0924 WKZY 92.1 FL LaBelle

0925 WCMQ 102.3 FL Hialeah

0934 WXDJ 95.7 FL Homestead-Miami-Fort Lauderdale

0936 WINK 96.9 FL Fort Myers

0955 WBVM 90.5 FL Tampa

1012 WOVO 95.5 FL Fort Pierce

**JUNE 15 E-SKIP**

1140 XHSAB 108.5 NL Sabinas Hidalgo

**JUNE 18 E-SKIP**

1213 KAJA 97.3 TX San Antonio

**JUNE 23 E-SKIP**

many relogs to south Texas

**JUNE 29 METEOR SCATTER**

0145 WJJY 106.7 MN Brainerd

**JUNE 29 TROPO**

2145 WAXZ 97.7 OH Georgetown o/WOXY

2200 WBKW 99.5 WV Beckley-Bluefield

Princeton

**JULY 3 E-SKIP**

2100 KLYT 88.3 NM Albuquerque

2105 KRST 92.3 NM Albuquerque

**JULY 4 E-SKIP**

1752 KVRP 95.5 TX Haskell-Abilene

1758 KBCO 97.3 CO Boulder

1858 KFKM 96.5 CO Colorado Springs

Spring Green, R.

many unIDs to Texas and Colorado

**JULY 6 E-SKIP**

1254 WZB 92.7 FL Stuart

1256 WCMQ 102.3 FL Hialeah

1306 WQCS 88.9 FL Fort Pierce

1312 WGTR 97.3 FL Miami-Ft Lauderdale

1313 WRMF 97.9 FL Palm Beach

1316 WKIS 99.9 FL Boca Raton-Miami

many other tentatives

22

**JULY 7 TROPO**

WCJO 97.7 OH Jackson (rare)

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

## NORTHERN FM DX

DAVE BRUMFIELD'S REPORT - continued

**AUGUST 30 TROPO** continued

1145 WWSR 102.7 WV Charleston

1152 WKLC 105.1 WV St. Albans

1220 WMJK 95.3 KY Morganfield

1228 KDHX 88.1 MO St. Louis

**AUGUST 31 TROPO**

0000 WKSE 99.9 NC Asheville-Hendersonville

Greenville-Spartanburg

0015 WMEV 93.9 VA Marion

0055 WFYR 103.5 IL Chicago

0101 WGTC 102.3 IN New Carlisle-S. Bend

Elkhart

Ralph Strobel informed me that I missed 3-4 strong Es openings, and a Tr to MN, WI, and upper Michigan, and one to TX, OK, MO. Many Es days several stations were coming in, but no IDs before opening ended. Especially 6/14, 6/23, 7/4, 7/6, 8/6, 8/18. Some openings seemed weak and short lived. MS results this year include 100.3 KRRV LA, WDFZ FL, KILT TX, WCTH FL, KZEN NE, KDVV KS, and tent WKZ PA. 106.7 WRKZ PA tent several times and the ones noted above. While visiting Ralph in Muncie, Es was noted on 7/22 and 7/23. I had my GE Superradio and added 7 new stations to my totals there: KEKB 99.9 CO, KHDT 92.5 CO, KUNC 91.5 CO, KENW 89.5 NM, KRWN 92.9 NM, and KRZA 88.7 CO. This added more to the pleasant visit that weekend.

**GEORGE SHERMAN - 104 PINEWOOD CIRCLE - APPLE VALLEY, MINNESOTA 55124**

Equipment: McIntosh MR-78 tuner, Winegard CS-6065 FM antenna

**SEPTEMBER 12 GW**

KPLW 102.7 IA Northwood, m, new semi-ld

**SEPTEMBER 16 GW**

KWNG 105.9 MN RedWing, here ex 105.5, will increase power, only 35 miles from me and I'm getting a local on 105.7 soon

**SEPTEMBER 17 TROPO**

0823 KAMS 95.1 AR Mammoth Springs, "K-Country" and "Country 95", Central Ozarks, o/semi KWOA  
2226 WCIC 91.5 IL Pekin, gS, S-6 on MR-78 meter  
2235 WWRK 107.7 MI Portage, r, thru WWCY Milwaukee  
2244 WINNS 98.7 IL Springfield, Life Rock 99, contest Box 460, other IL/IN/MI in good

**SEPTEMBER 18 TROPO**

0020 WBUS 99.9 IL Kanakakee, r, S-6  
0046 WJEZ 103.1 IL Pontiac

0052 WXXQ 98.5 IL Freeport, ID thru local KTIS!

0124 WHKS 99.1 OH Dayton, k, weather,  
The all new K-99.1 FM S-8 on the meter

0137 WFRN 104.7 in Elkhart, g, S-8

0140 WQLR 106.5 MI Kalamazoo, Clear 106 FM

0159 WIAA 88.3 MI Interlachen, S, S-8

0204 WNDU 92.9 IN South Bend, r, S-7, "Michiana's Hit FM - U-93"

0214 WVAE 92.3 MI Detroit, The Wave

0853 WWKI 100.5 IN Kokomo, k

2010 WCBH 104.3 IL Casey, "Classic Hits"



Corrections: My WZZO 95.1 on 8/4 was probably Es, maybe MS. On 8/11 KROC t was on 106.3 New 94.9 St. Cloud, Minnesota testing with open carrier and tone; open carrier on 99.7 probably WWIS Black River Falls, Wisc. No October DX!! 73.

**STATION NEWS:** WQXA 105.7 in York, Pa. has changed slogan to "Hot 105.7" and a more urban approach to Top 40. Don't know of a call change yet. 107.5 in Boyertown, Penn. has dropped religion in favor of an adult contemporary format (though some say Top 40). WMYJ 97.9 Edinboro (Erie) Pa. has switched to WXTA, and country music. WOLN 95.7 in Olean, NY has gone to WPIC, also country "Sizzlin' country-the Pig!" CKO 99.1 Toronto has been off the air for 3 days now and is still off. WCIH 88.5 Spencer and WCIH 89.1 Friendship, NY are on, relaying the religious network of WCIK 103.1 Bath and WCIH 90.3 Elmira.

## AUGUST 31 TROPO Continued

1101 WQHY 95.5 KY Prestonsburg-Paintsville

Pikesville

**SEPTEMBER 14 TROPO**

1100 WRGK 106.9 OH Canton

**SEPTEMBER 17 TROPO**

0935 WCJO 97.7 OH Jackson

**SEPTEMBER 21 TROPO**

0317 KFUO 99.1 MO Clayton

0321 WQMP 100.5 OH Bellaire-Wheeling

DECEMBER 1989

## NORTHERN FM DX

BOB SMOLAREK - 156 OLD WICK ROAD - WHITE HOUSE STATION, N.J. 08889

SEPTEMBER 18 TROPO

2315 WMXW 103.3 NY Vestal, r, WPRB off

SEPTEMBER 19 TROPO

1930 WDLS 93.7 PA Dallas, k

SEPTEMBER 21 TROPO

2135 WFBG 98.1 PA Altoona

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment-Icom R7000, 25 el log periodic at 28'. Receiver as of 9/22 is Magnum/Dynalab. FT-101A Etude, SCA adapted by Bruce Elving.

SEPTEMBER 18 TRS and AURORA units around 2000

1558 WJCH 91.9 IL Joliet, g, Family Radio

1908 WVPE 88.1 IN Elkhart, j, twilight jazz program

much stronger than usual

2144 CJQM 104.3 ON Sault Ste Marie, k, Q-County

2151 CBON 98.1 ON Sudbury, French program

SEPTEMBER 20 TROPO

1727 WJKL 94.3 IL Elgin, ad for Daily Courier News

1728 WNZ 96.9 IL Zion, c

1800 WVCY 107.7 WI Milwaukee, g, ID at top of hr

1814 WBZN 100.7 WI Racine, j

1831 WFMF 98.3 WI Menomonee Falls, c

1907 WLWQ 97.3 WI Milwaukee, soft r, Lite 97

2245 WNMU 90.1 MI Marquette, j, strong, seldom hrd

SEPTEMBER 22 TROPO SCATTER

1955 (WGOR) 92.1 MI St. Johns, rS, ex-WLNZ, now using

FT-101A receiver

2101 WJHS 91.5 IN Columbia City, S, New Haven Bulldogs football

SEPTEMBER 23 TROPO SCATTER

0052 CBCQ 91.5 ON Orillia, has moved here from 105.9, CBC mono program, gives local ID about 10 min before hour

0100 WQBC 91.5 OH Oberlin, disco rS

0157 WOLN 95.7 NY Olean, soft rS, The Lite WOLN (has since changed to WPIG "The Pig", country music-gc)

1118 WGTZ 92.9 OH Eaton, rS, Z-93

1307 WBBE 92.5 NY Rochester, kS, 92-FM, mixing w/WAIR

1334 WXTA 97.9 ?? Unid to SE with kS and New County 98 ID maybe call change for WMYJ? (I believe so-gc)

1520 WLKI 100.1 IN Angola, classic rS, good signal

1610 (WNRJ) 104.7 PA Pittsburgh, rS, ex-WYDD

1700 (WUFX) 103.3 NY Buffalo, rS (favorite 300), The Fox

Sign on for first time ex-WPHD. Had been running loops announcing for days advising of this change

1742 CFYI 98.3 ON Kingston, old r



Also heard on OCT 8 via MS was KUNI 90.9 IA Cedar Falls. I'm impressed with the FT-101, much more sensitive and selective than the Icom. Am using it with a Magnum/Dynalab Signal Sleuth antenna preamp. Also have a Stereo Probe 9 which I hope to get up the next week or so.

73 for now and best DX, Jeff

REPORT TO NORTHERN FM DX !!



## NORTHERN FM DX

DECEMBER 1989

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080  
Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

AUGUST 1989	26 Tr
18 Es (continued from my last report)	0842 WDLG 93.7 PA Dallas, k, "93.7 DLS" IDs 96
1015 KAFX 95.5 TX Diboll, ad for Lufkin Mall o/local WPLJ	0920 WGMM 97.7 NY Big Flats, "Gem 97" + call 169
1034 KZBL 95.9 LA Natchitoches, call, promo	1205
1112 KQXY 94.1 TX Beaumont, "Beaumont's Best - Y-94"	1325
1115 KSBJ 89.3 TX Humble, contemporary Christian complete with a "no repeat Friday", ex-88.1	1386
1121 {KLTR} 93.7 TX Houston, "Houston's K-Lite 93.7"	1399
1125 WJMI 99.7 MS Jackson, promo, ad	1046
1134 KTSU 90.9 TX Houston, PSA, call, old r	1399
1137 WMDC 100.9 MS Hazlehurst, k, call	1075
1140 KYRR 93.3 TX Port Arthur, k, ads, "Kicker"	1325
1148 KUHF 88.7 TX Houston, promo, o/local WRSU	1399
1156 KVLU 91.3 TX Beaumont, ID, c	1325
1723 KBIG 88.1 IA Waterloo, call	937
27 Tr	
0730 WMXW 103.3 NY Vestal, call, beginning a weekly news program, WPRB off	133
SEPTEMBER 6-7 Tr	
2200-0100 Pittsburgh noted with WLTJ-92.9, WSHH-99.7, WSDY-107.9 and WDUQ-90.5 plus WOMP-100.5 Ohio briefly and WFRB-105.3 MD.	
0100 WVPM 90.9 WV Morgantown, WV Net ID	299
29 Tr	
0415 WOMP 100.5 OH Bellaire, very strong at times, "Womp-FM", rock	336
0421 WDQJ 92.5 OH Alliance, contest w/Canton address, "Q-92" + call, 350	
0500 WKSU 89.7 OH Kent, ID, c	365
30 Tr	
2201 WGBE 107.9 PA Williamsport, local ads, "Eagle 108", believe had Yankee baseball earlier	142
	73, Joe

## BILL NIENAJADLY - 98 HIGHLAND AVE - CLIFTON, NEW JERSEY 07011

## TOTALS - 274

Equipment: 10 element FM only antenna now used

## SEPTEMBER 18 AURORA

2100 Aurora noted, no FM IDs, lasted 1/2 hour

## SEPT 19 Trs

0635 WXX 91.5 NY Rochester, ID

## OCTOBER 23 TRS - WQXR 96.3 off

0238 CRM 96.3 ON Kingston, ID 265

0300 WSLR 89.5 MD Salisbury, WSOU off 188

at about 2000 Providence VHFs and New England is good!! I heard this was a strong opening from Mass to SC! The NY DXers didn't get into the ducting. Heard some DXers say it was among the best trop openings! What about us, hi!

## OCTOBER 24 TROPO

0223 WHP 97.3 PA Harrisburg, Lite 97-3 Lame 152  
0320 WCRB 102.5 MA Waltham, c, music 190  
0330 New England strong, WSR 96.1, WVBF 105.7, WTYD 100.9 and others.

2300 WWMX 106.5 MD Baltimore, finally lame conditions also good to New England 175

## SEPT 22/23

Lockluster tropes to SOutwest \*(@#\$\*@@!

## OCTOBER 9 Trs / MS2

0253 WJYE 96.1 NY Buffalo, ID 275

0320 WNTX 96.3 MA Nantucket, ID 210

0330 WPRO 96.5-This is the voice of the Blue Ridge Mountains WMAF-FM? Who is this?

## OCTOBER 14 TROPO

1830 Eastern Long Island very good

1845 WMVR 105.7 NY Endicott, ID 150

1923 WLAN 96.9 PA Lancaster, ID 145

1930 WFRR 102.5, WQHQ 104.7, others

## OCTOBER 15 TROPO-SCATTER

1543 WTSX 96.7 NY Pt. Jarvis, finally o/pest WJAZ 60

## OCTOBER 16 TROPO

0700 WGT 91.9 MD Takoma Park, 203

1100 WIRQ 92.1 NY Poughkeepsie, lame! 60

1545 WSR 96.1 MA Worcester, ID 180

1603 WVE 105.7 MA Framingham-Boston, ID

Tropo-Scatter mode but strong!

Nice gettin Buffalo on FM!! Thanks to Greg for confirming them! Tropes finally picking up. Hurricane Hugo left this DXer with almost zilch in the way of DX! I'm experimenting with installing narrowband filters in a poor selectivity tuner. If it works I might do special report on it. I'm glad Danny Buntin of Southern FM DX came up with a list of top tuners. I'd like to see a list of top 5 TVs and car radios! Is there a ONKYO type car radio out there? Does such an animal exist? Re: CFMK, Finally!! It's about time! I always knew it was them but I couldn't count them, until this past Monday morning when it was one of the best troposcatter openings ever. CFMK was at local strength for up to 5 minutes at a time!! And yes, they IDed-nicely. 88.7 was also empty. WFME 94.7 running open carriers #8A\* &amp; \$1! UnIDs on 96.3 include Classical and Laid Back Soul music...DC? Highly suspect CFMX1 as classical. See, it does pay to lose sleep Monday Mornings with locals off! GOODXing, Bill

The computer erased page 5 of Northern FM DX, so that will have to wait until next month. Thanks for your comments on the fonts. This font got the best reviews (it's called Avant Garde), so I will use it a lot. Thanks to everyone who reported in 1989. Keep them coming!! HAPPY HOLIDAYS! 73 Greg

**WXRT**  
**93 FM** Chicago, Illinois 60641

# SOUTHERN FM DX

DECEMBER 1989

\*\*MERRY CHRISTMAS!\*\*

Danny Buntin  
1312 N. Skyline  
Stillwater, Oh 74075

DEADLINE 10th

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. Also DC & HI. Happy DXing 1990.

## A SLOW FALL CHARACTERIZES CURRENT FM DXING IN THE SOUTH

Judging from the lack of reports, it appears the hurricane helped trop found most of its effect in the midwest. Overall, Fall reporting is at a very slow level. One DXer, though, got into some trop that yielded up to 740 miles.

### ONKYO vs YAMAHA

This report, comparing two top tuners, is from Bill Nienajadly of Clifton, NJ: Not too long ago Paul Mount kindly bought up his Onkyo T9090II up to Bill Kretschmer's house in North Syracuse, NY. We all decided to give the Onkyo vs Yamaha comparison test. Antennas used were 2 Stereo Probe 9's and CAC 11 coax. Despite 2 100 kw stations at 10 miles and a 3000 watter a mile away the Onkyo T9090II had no noticeable images. The Yamaha did, but it wasn't that severe. The Onkyo managed to dig out a 94.3 next to 94.5 WYYY 100 kw local, the Yamaha didn't. But in all other adjacent tests the Yamaha TX900 was just about as selective as the Onkyo! Like for instance, both got WROW 95.5 right next WRQX 95.7 local at 11 miles. A big difference is the Onkyo tunes like 95.025, 95.050, 95.075, etc. The Yamaha tunes very finely, better than Onkyo. In other differences, we heard less "slop and crashing" with the Yamaha than with the Onkyo. So again even with the potential image problems there, the Yamaha still does come close to the Onkyo and in some cases sounds better than Onkyo!

Two DXers did mention to me that the Carver TX-11 is prone to image problems + over-loading. The Carver only has narrow, no super narrow. We did try the Carver in Clifton, NJ at my house a while back and it was somewhat selective, but I really could not recommend it for serious adjacent, weak trop DXing. It would be great for E-skip + strong tropes, though. There were a lot of Philly adjacents we didn't hear with the Carver. Quite disappointing for a "serious DX machine", but other DXers swear by it, so I guess it's good in areas not that crowded as NYC.

(Bill also kindly passes along word about how replacing a ceramic filter in modest receivers can soup up the adjacent selectivity comparable to a Carver. This topic may be elaborated upon elsewhere in the VUD. DB)

Jeff Wolf, 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902

Equipment: Sears AM, FM TV band radio

7/4 Es EDT	7/4 Es
1839 KQID 93.1 LA Alexandria, 93-QID	2105 WCKWt 92.3 LA Laplace
2025 KJEF 92.7 LA Jennings	7/7 Es
2041 KJAET 92.7 LA Leesville	2044 MUF to 93.7
2042 WQCKt 92.7 LA Clinton	8/18 Es
	0946 KNTU 68.1 TX Denton

keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip.: Onkyo T-9090, Probe 9, Archer 18db FM amp. (9/11 only)

9/11 tr,w/FM amp 10/3 tr

1624 WYFA 100.9 GA Waynesboro, ID, g 269	2026 WCON 99.3 GA Cornelia, ID, rp 160
2054 WGRM 93.9 MS Greenwood, \$,r, 232	2038 WLKG 102.3 GA Buford, "Lake 102" 133
to new air	2057 WCEH 103.9 GA Hawkinsville, ID 230
10/3 tr	2058 WTCW 95.3 GA Thomaston, ads, mono 163
1910 WXYO 98.7 TN Oliver Springs, k, 165	2120 W??? 95.1 AL Prattville, "The Fox", 150
\$, new to air	Montgomery's classic rock & roll" o/cls.WNDA
1914 WYNQ 95.7 TN Maryville, "WAY FM", r 196	11/1 tr (Both new to air.)
1929 WJIC 91.3 GA Fort Valley, ID 196	1000 WZLM 97.3 AL Dadeville, rm, \$ 123
1937 WLNT 95.7 FL Clearwater, ad 507	1043 W??? 93.9 TN Selmer, mono, J-94, r 137
1950 WAIL 99.5 FL Key West, prev.Es 740	1408 unID 102.7 n.east, new station testing off 1430

Dug out the old FM amp on 9/11 to try for some tropo scatter. First time DXing with amp & Onkyo together. It works fairly well this way as the amp will take a weak signal barely breaking the noise level and make it more audible. It does bring more hiss & noise in along with weak and some moderate strength signals. On some of the open frequencies (the rare few that remain) the amp adds a noise level of 15 db from a normal 5 db. The amp didn't degrade any signal that was already clean to begin with. A normal 38 db signal increases to 50 db with amp in line. With the beam aimed at Huntsville, locals, cont.

### SOUTHERN FM DX

Pugh, cont.

DECEMBER 1989

88.5 is the only useless frequency, to my surprise. On other frequencies that overloaded, around 7 of them, pushing in the local mode on the tuner cleared them up and brought in the actual signal that should be there. I'll probably try DXing some more with the FM amp during the winter "doldrums".

Trop on 10/3 was strong into GA with 50 db signals, was trying for needed WQFW Valdosta on 95.7 but WLNT Clearwater, FL was in. Looked for other FL's, and couldn't believe it when I heard WAIL 99.5 Key West! It was in solid for only 8 min. at 27 db, then slowly faded out. No other Key West heard. (sporadic trop?!)

Re my last report Oct. SPM p. 29, KVIA 93.9 El Paso is KZBZ, B-94. I can't figure how I came up with KVIA calls & V-94. I'm deleting the 2 Cuban logs that appeared in my Aug. SPM report, p. 39. 92.3 may be WCMQ Healeah, FL as it is Spanish, although I heard a ref. for "Cuba". The 93.5 station mentioned Santa Clara, but I've been told there may not be a Cuban on that freq. Anyone know of a good listing for Cuba?? 73's.

Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866

Equip.: Denon TU 800 & Stereo Probe 9 at 25'

(Comments cont. from last month's report)

What a two week period! After finding a missing page of the July log, our revised July totals are 139 new stations and 4 new states! And we passed the 400 station count, our goal for the year! Some of the best DXing time was spent on two meters of the totals would have been even higher. We caught three more good Es openings the first half of August. To sum up the Es season, a slow starter that ended with a bang, not a whimper. The Perseids shower was average(good) and seemed to peak a few hours earlier than usual, about 0500 local the morning of the 12th. We've been observing this shower since 1963 when we made our first two meter ms contact. This year we made 27 contacts on two meters and one on 220 Mhz. No FM DXing though. Since acquiring a good tuner we've recorded at least one good tropo session a month. All of the good openings have been in the 500-570 mile range, and we're anxiously waiting to break the 600 mile barrier! So far, the July 3rd tropo to the KC area has given us our best tropo DX at 570 miles. We thought August might pass without any good tropo, but the morning of the 30th saw our first opening into SD, as far as the MN border, Mitchell, at 512 miles.

8/3 Es

2100 WEKU 88.9 KY Richmond ID



Central State University 100 North University Drive Edmond, Okla 73034

8/4 Es

0830 WREQ 97.1

0832 WHBC-FM 94.1

0833 WDIF 94.3

0836 WHWCl 88.3

0838 WZIP-FM? 88.1

0839 WBGUJ 88.1

0844 WONE 97.5

0850 KHLT-FM 94.1

0900 WRVL 68.3

0907 WRCR 94.3

0908 WQRP 88.1

0910 WSKT 92.7

0910 WMLA 92.7

0915 WBNS-FM 97.1

0917 WGFQ-FM 94.1

1020 CHFM 95.9

1028 CKUA-FM 93.7

1030 CKUA-2 99.3

1033 C??? 96.9

1044 KQRK 92.3

1049 CBTK 88.9

1051 CBVK 94.1

1053 CBTA 94.9

1105 CKUA-13 91.3

1109 CFOX 99.3

OH Ashtabula ID

OH Canton ID

OH Marion g local spot

WI Menomonie local tel #'s

OH? ID in noise & "ZIP ROCK 88"

OH Bowling Green ID in noise sounded like WICU

Are the above two stations the same?

OH Akron ID

AR Little Rock "K Light's weather ..."

VA Lynchburg ID

IN Rushville wx & IDs

OH West Carrollton ID

IN Spencer local Bloomington ads

IL LeRoy "Ypur friends in the country WMLA"

OH Columbus ID & "...light and easy.."

IL Watseka "Hamilton Brothers in Waseka"

AB Calgary "less talk more music CHFM"

AB Calgary Access program

AB Lethbridge Access // 93.7

?? FF

MT Ronan- Kalispell "KQ-92" STATE # 36

BC Kelowna local spots // 93.1, 94.1, 94.9

BC Kamloops // 88.9, 93.1, 94.9

BC Trail // 88.9, 93.1, 94.1

AB Drumheller Access //

BC Vancouver "the fox rocks" CONT....

**SOUTHERN FM DX**5/4 Es

1110	CBUF	97.7	BC Vancouver FF
1111	<u>CKKS</u>	96.9	BC Vancouver spots "easy rock"
1113	<u>CKO-FM4</u>	96.1	BC Vancouver over KSOI ID
1115	KING-FM	98.1	WA WA Seattle spots
1117	KCMS	105.3	WA Edmonds ID "Christian radio .."
1123	KAFRT	97.1	WA Walla Walla something like "Walla sports"
1124	<u>KRKN</u>	96.9	WA Naches-Yakima singing ID
1125	KATS	94.5	WA Yakima ID
1129	<u>KVTI</u>	90.9	WA Tacoma "191 is hot"
1140	<u>KGHO-FM</u>	95.3	WA Hoquiam ID & spots for Christian TV
1141	KUOWT	94.9	WA Seattle c
1143	<u>KDRK-FM</u>	93.7	WA Spokane "K-DRINK 94 FM"
1150	KZAM	95.3	OR Cresswell ID
1152	KBPS-FM1	89.9	OR Portland c
1154	KMGE	94.5	OR Eugene ID
1155	<u>KUGN-FM</u>	97.9	OR Eugene ID
1158	<u>KOAB-FM</u>	91.3	OR Bend No ID on hour; NPR news, then OR news
1206	<u>KXIQ</u>	94.1	OR Bend "summer radio Q 94"
1234	<u>KCRE</u>	94.3	CA Crescent City ID
1241	<u>KURY</u>	95.3	OR Brookings local spots

8/6 Es & tr

0900	WEKU	88.9	KY Richmond ID
0900	<u>WRBH</u>	88.3	LA ID "New Orleans radio for the blind"
2010	<u>CKSB-9t</u>	89.1	ON FF in for one hour!
2015	C???	88.3	ON Thunder Bay
2030	WAXL	97.7	WI Lancaster mention of Rochester church event
2031	<u>CJSD</u>	94.3	ON Thunder Bay spots & "94 FM"
2033	<u>CKSB-3</u>	93.7	MN The Pas FF c
2038	<u>KNNS</u>	96.9	MN Grand Rapids "KS 97"
2044	CBKF3t	93.5	SA Zenon Park FF
2130	<u>K210AY</u>	89.9	CO Buena Vista KUNC translator
2157	KWYK-FM	94.9	NM Aztec "95 QUICK"
2208	WKSJ	94.9 AL	Mobile ID

8/10 MS

0802	WUWF	88.1	FL Pensacola ID
0940	KDHX	88.1	MO St. Louis ID

8/23 tr & Es

0715			Wichita stations in at 417 miles
0720	KWKL	106.5	KS Arkansas City 455 miles
0722	KNID	96.9	OK Enid k 465 miles
1848	WQZR	94.3	AL Greenville spots
1856	<u>WABB-FM</u>	97.5	AL Mobile ID
1900	<u>WMAO-FM</u>	90.9	MS Greenwood ID "PRM Network"
1924	<u>WHSY-FM</u>	104.5	MS Hattiesburg local spots and ads
1925	WHERT	103.7	MS Hattiesburg b
1935	KQID	93.1	LA Alexandria ID
1954	<u>WMAU-FM</u>	88.9	MS Bude ID "PRM Network"
2000	WRBH	88.3	LA New Orleans "radio for the blind"
2003	WWMS	97.5	MS Oxford ID cont...

Allen, cont.

DECEMBER 1989

**SOUTHERN FM DX**8/29 tr

2106			Wichita stations in at 417 miles
2110	KHCD	89.5	KS Salina 395 miles
2130	KUVR-FM	97.7	NE Holdredge KUVR-FM ID 310 miles
2155	KEZG	107.3	NE Lincoln local spots "EZ 107" 437 miles
2208	KZKX	96.9	NE Seward k 500 miles
2219	<u>K205BR</u>	88.9	KS Colby "High Plains Public Radio" 200 miles
2220	<u>K257DI</u>	99.3	KS St. Francis "High Plains Public Radio" 190 mi
			The above are KZNA xlaters heard occasionally.
2302	KUCVt	90.9	NE Lincoln in noise

8/30 tr ducting

0710	KERM	98.3	WY Torrington strongest ever heard
0735	<u>KVCK</u>	101.5	SD Gregory ID g STATE # 37
0744	<u>KWYR</u>	93.7	SD Winner local spots with winner puns
0747	<u>KPLD-FM</u>	94.5	SD Reliance k ID 446 miles
0756	<u>KBRX</u>	102.9	NE O'Neill ID 410 miles
0813	<u>KQRN</u>	107.3	SD Mitchell ID 512 miles
0814	KESD	88.3	SD Brookings ID "South Dakota Public Radio" 555 mi: best NE DX
0843	KGRDt	105.3	SD Orchard g o' KZMC briefly

9/24 tr

2100			Wichita stations in at 417 miles
2105	KWKL	106.5	KS Arkansas City 455 mi.

9/25 tr

1900	KUVR-FM	97.7	NE Holdredge remains most consistent 3 KW DX
2000	<u>K257DI</u>	99.3	NE St. Francis most consistent 150+ mi xlater

9/29 tr

2000			Wichita stations in at 417 miles
2002	KLSF	96.9	TX Amarillo ID full q at 309 miles

The superb late July Es conditions wound down, but not without some good August openings. The annual August Perseids is pretty consistent, but seemed to peak a few hours earlier than usual. We stayed up all night the 11th and 12th and made 27 contacts in 15 states on 144 Mhz and one contact into GA on 220 Mhz. In upstate NY I used to monitor FM or more often, channel 2 or 3 TV for indication of a meteor burst and then make a quick call on 144 Mhz where the bursts are much shorter. This worked fine in NY where there were virtually no stations in MS distance from NW to SE. Here in CO with stations in every direction there was poor correlation between bursts noticed on channel 3 or FM and 144 Mhz bursts. This was the 25th year I've DXed the perseids shower, but always on 144 mhz and above. We now have 37 states logged on FM and 37 states worked on 144 Mhz in less than a year and a half. They are not the same 37 states though! September, the best month for tropo DX back East has been disappointing here. However, I've been on the road over half the month and probably missed some good conditions. One of my trips was to the NRC convention in Topeka where it was good to meet several FM DXers and contributors to YUD. This reminds me; I'll probably spend more time medium wave DXing than FM DXing the next few months despite the fact that I stacked a second Stereo Probe above the first this weekend! A report on that next month

**98 FM**  
**KTNT**  
**DIGITAL 97.7**

DECEMBER 1989

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228-2744

8/1 Es

1031 WLAZ 93.5 FL Naples  
1034 WLVE 93.9 FL Miami Beach  
1036 WZTA 94.9 FL Miami Beach  
1038 WSWN 93.5 FL Belle Glade  
1051 WJIS 88.1 FL Bradenton  
1055 WMNF 88.5 FL Tampa

8/2 Es

2000 WCKW 92.3 LA Laplace

2317 WGGZ 99.1 LA Baton Rouge

8/3 Es

0939 KESD 88.3 SD Brookings

1102 WVPN 88.5 WV Charleston

1120 WMRT 88.3 OH Marietta

1124 WNCI 97.9 OH Columbus

WPKZ 98.5 VA Elkton

1128 WTCF 98.1 OH Canton

1131 WKBN 98.9 OH Youngstown

WWBZ 92.5 OH Cincinnati

1132 WHBC 94.1 OH Canton

1134 WKDD 96.5 OH Akron

1136 WOPX 94.9 OH Fairfield

1141 WMJI 105.7 OH Cleveland

1143 WQAL 104.1 OH Cleveland

1147 WXGT 92.3 OH Columbus

1148 KHIX 98.5 TN Port Arthur

1150 XHTZ 97.7 ON St. Catharines

1156 WTTS 92.3 IN Bloomington

1159 WIGN 97.7 OH Lima

1200 CKSY 95.1 ON Chatham

CHFI 98.1 ON Toronto

1203 CJBX 92.7 ON London

1214 WMHE 92.5 OH Toledo

1226 WVAE 92.3 MI Detroit

CKMR 93.9 OH Windsor

1227 WLLZ 98.7 MI Detroit

1231 CJOM 88.7 OH Batavia

1237 WJLB 97.9 MI Detroit

1245 WDOR 93.9 WI Sturgeon Bay

1304 CBCB 98.7 ON Owen Sound

1305 WJPD 92.3 MI Ishpeming

1312 WKQZ 98.1 MI Saginaw

1321 WLST 95.1 WI Marinette

1336 WBWI 92.5 WI West Bend

1458 KEYA 88.5 ND Belcourt

8/4 Es

0720 WMHE 92.5 OH Toledo

0727 CJOM 88.7 ON Windsor

0729 WSDM 97.7 IN Brazil

0732 WBYM 98.9 OH Van Wert

0736 WDFM 98.1 OH Defiance

0744 WLAB 88.3 IN Fort Wayne

1942 WOXY 97.7 OH Oxford

1954 WZQQ 92.3 KY Hyden

8/5 tr

2123 WCKW 92.3 LA Laplace

2124 WGGZ 98.1 LA Baton Rouge

8/6 Es

0922 KEZO 92.3 NE Omaha

0928 KESD 88.3 SD Brookings

0929 KUSD 89.7 SD Vermillion

0931 KELO 92.5 SD Sioux Falls

0938 KJJY 92.5 IA Ankeny

KRIT 96.9 IA Clarion

1048 KBYZ 96.5 ND Bismarck

1059 KQDY 94.5 ND Bismarck

1052 KHHT 97.1 ND Minot

1100 KEYA 88.5 ND Belcourt

30 1137 KAML 96.9 WY Gillette

8/12 ms

0411 WBRK 92.5 KY Owensboro

8/13 Es

1245 XHSRO 92.5 NL Monterrey

1249 TG-- 88.1 Gua Guatemala City

1250 TG-- 88.5 Gua

1255 XHJD 98.9 NL Monterrey

8/14 Es

1924 KLCS 95.5 CA Los Angeles

1927 KFAC 92.3 CA Los Angeles

2039 KLCN 88.1 CA Long Beach

2047 XHJM 92.5 BCN Tijuana

8/17 Es

1321 HR-- 93.9 Hon

1858 TG-- 88.5 Gua

8/18 Es

0629 WKSU 89.7 OH Kent

0630 WBEE 92.5 NY Rochester

0647 WYSU 88.5 OH Youngstown

0649 WMUW 88.5 DC Washington

0700 WMRT 88.3 OH Marietta

0720 WLX 98.9 NY Rochester

0851 WACQ 98.1 MI Saginaw

0859 WMUB 88.5 OH Oxford

0929 CJOM 88.7 ON Windsor

0939 CKMR 93.9 ON Windsor

0951 WWNK 94.1 OH Cincinnati

0952 WVAE 92.3 MI Detroit

0955 WKDN 98.9 OH Youngstown

0959 WBVE 96.5 OH Hamilton

1002 CKSY 95.1 ON Chatham

CBCL 93.5 ON London

1010 WGNG 88.3 NC Boiling Springs

1015 WRRR 93.9 WV St. Marys

1038 WPEC 97.9 NC Concord

1043 WDRP 98.9 NC Windsor

1052 WYER 94.9 IL Mt. Carmel

WOFX 94.9 OH Fairfield

1055 WKRR 92.3 NC Asheboro

1058 WZZU 93.9 NC Burlington

1100 WROX 95.1 NC Raleigh

1101 WYFL 92.5 NC Henderson

1123 WXIL 95.1 WV Parkersburg

1127 WWGL 94.1 NC Lexington

1134 WESG 92.5 SD Greenville

1136 WKSI 98.7 NC Greensboro

1138 WLKV 96.9 NC Statesville

1140 WPAY 104.1 OH Portsmouth

1142 WVPN 88.5 WV Charleston

1159 WXLK 92.3 VA Roanoke

1207 WJNL 96.5 PA Johnstown

1209 WMEV 93.9 VA Marion

1210 WRON 97.9 WV Ronceverte

1212 WMJK 97.7 VA Grundy

1214 WFVR 94.9 VA Roanoke

1217 WFGM 97.9 WV Fairmont

1230 WMYG 96.9 PA Braddock

1232 WOVK 98.7 WV Wheeling

1235 WFBG 98.1 PA Altoona

1237 WSEA 98.3 PA Charleroi

1238 WQMU 103.1 PA Indiana

1248 WAXZ 97.7 OH Georgetown

1300 WLMI 103.9 PA Kane

1301 WLER 97.7 PA Butler

1309 WBOB 88.7 OH Batavia

1320 WKJQ 92.5 OH Alliance

1323 WRRN 92.3 PA Warren

8/22 Es

1549 WIOW 92.5 FL Key West, cont.....

1812 TG-- 88.5 Gua

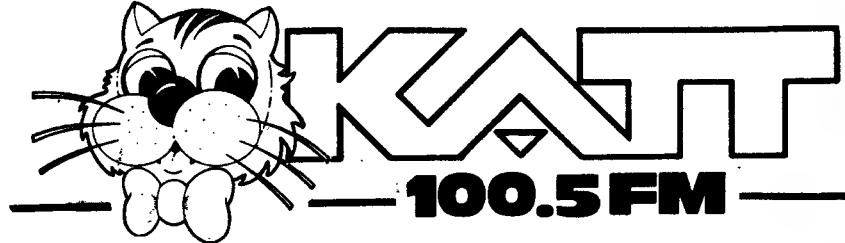
1823 TG-- 88.1 Gua Guatemala City

TG-- 88.8 Gua Guatemala City

8/29 Es

1744 WESC 92.5 SC Greenville

WBFM 98.1 SC Seneca

Equip.: TM-1001 tuner with 6-e Archer FM antenna at 20', CST used, new underlined  
July FM Es about 2.5 times as much as June, but the logging tapes were only just  
edited etc., so my 52 new catches that month are probably "too old" to report now. 73.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Equip.: Onkyo T9090, Antennacraft GFM-10 20 ft. high with rotor

The GFM-10 has to work until I can get around to coming up with a ladder to repair the lead-in that's broken on the Probe 9.

0331 WLFG 89.3 SC Greenville, ID, g

During early October, mini-power Stillwater local KKND(ex-KVRO) made a big power move up. Now it's just another potential 3 kw catch for DXers. Formerly, the station existed as one of the lowest powered commercial stations in the country, a little 440 watt at 27 ft. What few DXers have caught the mini-power before probably regard it as one of their most prized catches, outside of a 1 or 10 watt. Before the move up, KKND barely covered the entire city limits of Stillwater with a primary grade signal. Commuters from the nearest little towns 10-15 miles away had a jittery signal to put up with while starting out. The station's studio is housed in a small mall with a 60 ft. transmitter tower adjacent to the building. The tower's HAAT was brought down considerably by the surrounding small valley and neighboring buildings. Now installed atop the tower is a micro transmitter pointed toward the new broadcast tower located about two miles northeast of me, standing on a rather high and broad stretch of prairie. On the Onkyo meter the new signal rates at just over 100 db. Formerly, it was in the high 80's, little better than a local translator. So I was very sorry to see an unusually great potential catch for all DXers become only history. KKND boasts coverage up to 40 miles away to Ponca City and Edmond their new 375 ft. tower. KKND is only dreaming for Edmond, especially for car coverage. There the Oklahoma City tower farm, located just a few miles away, effectively covers up their signal. KKND's tower move pretty much concluded how much rougher going the DXing has become during the 80's in my area of Oklahoma. In Oklahoma City all the high power FM's banded together and one by one helped the Oklahoma City tower farm boom, leading to much improved car reception in Stillwater. Meantime, the Tulsa FM's also flocked to higher towers while several surrounding small town stations threw up tall towers closer to Tulsa. And in the process, abandoned the small town charm in their programmings as they played up to the Tulsa metro market. And with Stillwater caught in the middle of all this since it's located the same distance from Oklahoma City and Tulsa, there went many of my good DXing slots. No doubt, many other DXers could tell similar tales about DXing in the 80's. As FM broadcasting grows into the 90's, it will be interesting to see how FM DXing grows with it. 73

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HAPPY HOLIDAYS &amp; A DX-FUL 1990!

1749 WRAS 88.5 GA Atlanta

8/30 Es

1619 WMNF 88.5 FL Tampa

1832 WNLT 95.7 FL Clearwater

# WESTERN TV-DX

December 1989

Things cooled down considerably in October 1989. Only a few dates with 500 mile tropo were noted and only one date was reported with E skip, but there was some F skip!

New New Mode Tent. - t Unidentified - unid S/On + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

<u>August 1989</u>	30 tr AM	WAND 17 IL	18 tr 2100	KDOR 17 OK
4 tr 2200	WHO 13 IA	WICS 20 IL		KDAF 33 TX
	KAFT 13 AR	WRSP 55 IL	2200	=KXON 35 OK
6 Es 1115	KTVX 4 UT	Es 1900 WCAX 3 VT		KOKI 23 OK
1500	KUTV 2 UT			KTBO 14 OK
	KIDK 3 ID	2 tr PM unid ch 45 TBN n		WICS 20 IL
1800	WFSB 3 CT	18 tr 2100 KOKH 25 OK		KXII 12 OK
17 Es 2200	KOTI 2 OR	KXTX 39 TX		KWTV 9 OK
	(1st Oregon!)	KFWD 52 TX	(Salina)	K220P 22 KS
24 Es 0600	CFRN 3 AB	KWKT 44 TX	19 tr AM	KAKE-10
tr 2000	KVRR 15 ND	KTEN 10 OK		KNCT 46 TX
	(K15BQ off)	KAUT 43 OK		KOCO 5 OK
	KDSD 16 SD	KDTX 58 TX		WICS 20 IL
	KMEG 14 IA	KWHD 47 OK		KWKT 44 TX
				WWTO 35 IL

A few good catches for me this time. KOTI-2 was a real surprise as we were watching an ABC program on KQTV-2 (we usually watch ABC on KTKA-49) with no CCI when the KOTI call letters suddenly drifted across the screen. I turned the antenna to the northwest to get a pretty good KOTI signal with some CCI.

September 18-19 tropo opening to Texas was one of the best in some time with strong signals from the Dallas-Ft. Worth area. Other Texas stations weak. KXON-35 faint on second reception here.

K15BQ has been off and on several times and now provides a mix of Home Shopping Spree, religious, and old movies. Station keys K15BQ test with phone number. They plan local programming. Signal is excellent here -- about 4 miles!

No report next month (written 10/04/89 fm) as we will be in Europe -- Italy, Greece, Bulgaria, Romania, Hungary, and Czechoslovakia. Hope to look at a little TV. The last time we were in Czechoslovakia, we visited people who tuned into "The Cosby Show" on Austrian TV! No wonder they're all trying to escape.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201

PDT/PST

Equipment:  
Hitachi 5" black & white AC/DC (vintage 1980), Kenwood RZ-1 receiver, Sony Beta Hi-Fi MTS VCR, channel 6 trap (xtal). Realistic PRO-2021 scanner with 6 meter (50 MHz) vertical dipole. VHF - Lindsay GA-10FM 10 element wide-spaced FM yagi on Alliance U-110 rotator at 57' asl/agl. UHF - Radio Shack 4-bay with 15-1108 mast-mount adjustable gain VHF/UHF preamp at 45'.

<u>September 1989</u>	18 tr 1041	WA chs 25, 42	9 tr 0720	KUTF 32 OR	
11 tr 1305	KAPP 35 WA	(Snow free)	0724	KAYU 28 WA	
	KNDU 25 WA	2247	KEPR 19 WA	(KTPS-28 off)	
2224	K36-- 36 ??	(Snow free)	0726	KNDU 25 WA	
(Unknown)	KOMO- 4	2250	KTNW 31 WA	(Snow free)	
	( See Note # 1 )	( See Note # 2 )	0730	KWCT 27 WA	
12 tr 2228	WA chs 25,35,47	25 tr 0812	0734	KEPR 19 WA	
15 tr 1052	WA chs 15,25,47	WA 19,25,35,42,47	(Over CBUT35)		
1334	KUTF 32 OR	28 tr 2148	KUTF 32 OR		
1336	KTZ 22 WA	2200	KTVZ 21 OR		
	(Snow free)	2120	unid channel 58	0738	KTNW 31 WA
2246	KWCT 27 WA	29 tr 1914	KIMA 29 WA rare	(Under CBUT36)	
2259	KVEW 42 WA	2120	unid channel 58	10 tr 1304	KUTF 32 OR
18 tr 1030	KTNW 31 WA	October 1989		F1 1323	CCI on chs 2, 3
		8 ms 2135	unid ch 3 7secs	11 F1 1129	CCI on chs 2, 3 (MUF 74 MHz)

## Western TV-DX

December 1989

<u>Mike Cherry (continued)</u>	15 F2 1608	50.760 MHz	25 tr 0838	KUTF 32 OR	
	1619	ABQ t		(In all day/eve)	
11 tr 2214	unid channel 58	( 64.25/69.755 )	2202	WA chs 15,29,47	
	2218	KYVE 47 WA	2208	CBUT6 14 BC	
12 tr 2150	CBUT27 59 BC	( 62.25/67.760 )		(Snow free)	
	2159	K65BU 65 WA	( See Note # 4 )	2214	CBUT9 60 BC
	(Grays River KTPS-28)	16 tr 0911	KTNW 31 WA	2218	CBUT25 36 BC
	2247	KCKA 15 WA	(CBUT36 off)		(over KOMO xltr)
	(Snow free)	17 tr AM	WA chs 25,35,42	29 tr 0843	unid channel 24-
14 F2 1524	51.740 MHz	unid channel 24-		unid channel 61z	
	51.760 MHz	unid channel 36			
	1549	62.750 MHz	( See Note # 5 )		

## Tropo Scatter Summary (Date / Time / Frequency Band(s) Affected)

Local Enhancement (to 200 mi) - 10-2 / All Day / All Bands; 10-7 / PM / UHF; 10-8 / AM / V-LO, FM; 10-19 / PM / V-HI, UHF; 11-1 / All Day / V-LO, FM.

Regional Enhancement (200+mi) - 10-2 / PM / UHF; 10-14 / All Day / V-HI, UHF; 10-19 / PM / UHF; 10-20 / AM / All Bands; 10-24 / PM / V-LO, FM; 11-1 / AM / UHF; 11-2 / All Day / All Bands.

Note #1 - Help! I still can't find out where this translator is coming from. It only shows up weakly with audio and a bit of video noise. It is probably in northwest Washington due to the fixed position of my UHF antenna. (Mike, I believe this translator must be K36BO at Deming, Washington. fm)

Note #2 - CBUT35, channel 19 off-air due to lightning strike. This translator feeds CBUT36, channel 31 which was off the air as well, allowing me a clear shot at both KEPR-19 and KTNW-31, Tri-Cities, Washington.

Note #3 - This shouldn't be possible!!! There are mountains galore between my QTH and these stations. Very rare! Also heard FM translator in Port Angeles, Washington for the first time plus FM's CFMS and CKKQ, Victoria, same direction came in with full quieting for first time ever. Seems like a duct, although there is no possible explanation for this. Perhaps I was on the edge of a cold/warm front? Weather was partly cloudy and mild. (Mike did not identify which loggings this note belongs with, but I presume the October 12th loggings. fm)

Note #4 - With favorable WWV forecast, I constructed a 50 MHz dipole attached to my scanner which pulled in the audio signals a little better than the RZ-1 receiver with the FM yagi. Loggings are all audio except for the two entries on the 15th when the Kenwood RZ-1 displayed a bit of "video sync buzz" but nothing more (used NBFM mode). Audio was clear with typical F2 fading. Tentatives - mentions of Brisbane on first logging, second had a program discussing "pending legislation from Wellington."

Note #5 - Unid on channel 24- is not new station at Pullman which will be on 24+. Also received same signal on the 29th.

Some good tropo and a few unusual per notes. Fortunately, KEPR-19 is -10 kHz and CBUT35 is on the zero mark (.750). Channel 31 is a little more difficult because both KTNW and CBUT36 are on the zero mark. Thanks to Dave Sinclair for waking me up on October 9th for some good tropo.

I plan to modify my Realistic PRO-2021 scanner to receive from 54 to 88 MHz in order to set up a scan program for south and west Pacific TV and FM frequencies. October 15th the solar flux hit 225, A-index 3 and Boulder-K zero which is the best I've heard yet for VHF DX via F2. I've also been pointing my beam towards Central and South America on channels 3 and 4 hoping to snag Mexico again as I did during the peak of solar cycle 21.

I would like to send Season's greetings to all WFTDA members, contributors and especially the column editors. I hope that cycle 22 is being good to everybody and that we'll get some decent E skip this winter. 73's, Mike Cherry

John Ebeling, 6843 County Road 47, Albion MN 55702

CDT/CST

Had a little bit of E skip. CFAC-2 from Calgary was in early on October 29th (Sunday Morning) from 0115 CDT to 0108 CST (time switch at 0200), or almost an hour. "Rollergames" program (roller skating and rock music, if you've never seen it) and a movie were shown. Plenty of local Calgary ads and the familiar "2/7" ID given. Signal was snow free at times. Nothing else was noted. John Combs printout lists the distance from the cabin at 1015 miles.

Jeff Kruszka, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

October 1989

2 tr 0617	KETH	14 TX	319	2 tr 0659	%unid channel 41 (Full color bars)	6 tr 0625	WDBB	17 AL	294
0619	KBMT	12 TX	221	0700	KXLN 45 TX 319	0629	WTTO	21 AL	315
	KTXH	20 TX	319		unid channel 44	0645	WJTC	44 FL	163
0620	KLAX	31 LA	179	6 tr 0605	WTOK 11 MS 187	0646	WBMG	42 AL	
0630	KITU	34 TX	222		WMAW 14 MS	22 tr 0048	WSFA	12 AL	276
	KVHP	29 LA	181	0608	WCOV 20 AL 283		W19AW	19 LA	
0645	KHTV	39 TX	318		WAPT 16 MS 161		(Baton Rouge LPTV)		
0658	KTVE	10 AR	247	0612	WHOA 32 AL 286	0102	unid channel 36		
				0620	WTSG 31 GA 387		(See Note)		

Note - 10/22 @ 0102 - Unid with Texas A&M - Baylor game. If Texas, Austin is possible at 454 miles, but very unlikely since not much else was in at the time. Tropo scatter unlikely also - signal in for over two hours (no ID). New one in Paris, Texas? LPTV?

Morning enhancement comes alive! I think I've done pretty well for being in a ground floor apartment. Still waiting for that Super Tropo, though (maybe Thanksgiving?). I have a question about the channel 22 in Galveston that was identified as KLTJ in the September VUD. If this is KLTJ, is there also a KLTJ on channel 49, Irving, Texas (as in data base), and on channel 57 in Baytown, Texas? What gives?

(KLTJ are indeed popular call letters. Back in mid 1987, Irving channel 49 changed call letters from KLTJ to KHSX. At that time, the Baytown channel 57 permit's call letters were changed from KRTW to KLTJ. In July of this year, Baytown changed its call letters back to KRTW and Galveston channel 22 changed from KUYA to KLTJ. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment: See November Western TV-DXOctober 1989

1 tr 0030	WUAB	43 OH	409	1 tr 0247	WOIO	19 OH	409	1 tr 0415	CITY	57 ON	503
	WQHS	61 OH	409	0310	Iron Mtn xlt�			0429	WJET	24 PA	479
0133	WOSU	34 OH	390			200		0516	WBMG	42 AL	677
0146	WVIZ	25 OH	409	0349	unid ch 62 MI?			0158	WDBB	17 AL	671
0153	WAKC	23 OH	423		(PTA: Iron Mtn			0233	WTTO	21 AL	677
0212	&CBLN1t	56 ON			or Crystal Fls)			27 tr 0211	WJET	24 PA	479
		(AN 3/4 CB's ??)		0414	CIII41 41 ON 503			WOIO	19 OH	409	

I wish there had been more. 73, Nate

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Equipment: See November Western TV-DXSeptember 1989

27 tr 2111	WUSI	16 IL	402	28 tr 1156	WCVN	54 KY	407	<u>October 1989</u>			
2345	KDNL	30 MO	432		WPBO	42 OH	462	1 tr 0515	&CBLFT15 34 ON		
28 tr 0422	KSNF	16 MO			WOUC	44 OH	427		(Full color bars)		
	KDEbt	27 MO			WHIZ	18 OH	400	0538	KDNL 30 MO 432		
	KNLC	24 MO	432		WPKC	15 KY	437	4 tr 1820	WCET 48 OH 400		
	KDNL	30 MO	432	29 tr 2237	WUSI	16 IL	402	5 tr 0600	WXMT 30 TN		
	WTTE	28 OH	395		WOSU	34 OH	395	0630	WTIU 30 IN		
0432	KTAJ	16 MO	498	2257	WCET	48 OH	400	14 tr 0545	WCET 48 OH 400		
0436	KAUT	43 OK	820		WKON	52 KY	437	2048	WGKI 33 MI 110		
0559	WFIE	14 IN	420	2324	W36AQ	36 IL	169		(Fox - Stronger		
	WGRB	34 KY							than WCMV-27)		
	WDRB	41 KY	437	2342	KDNL	30 MO	432	22 tr 0730	WCET 48 OH 400		
	WTVQ	36 KY	473					0800	WQLN 54 PA 405		
0623	WSBN	47 VA	587						WSEE 35 PA 405		
1156	WXIX	19 OH	400						(Abv 3 snowfree)		
	WCET	48 OH	400						WKBN 27 OH 420		
									WYTV 33 OH 420		

William Draeb (continued)

22 tr 1654	WKYT	27 KY	473	24 tr 1737	WSFJ	51 OH	395	24 tr 1759	WXIX	19 OH	400
	WTWQ	36 KY	473		WKON	52 KY	437	1824	WHIZ	18 OH	400
	(Abv 2 snowfree)				WCVN	54 KY	407		WOUC	44 OH	427
2207	WNYB	49 NY	445		WYMT	57 KY	553	25 tr 1821	WCET	48 OH	400
2257	WUTV	29 NY	445		WIII	64 OH	400		WKON	52 KY	437
	WNEQT	23 NY			WKHAT	35 KY			WXIX	19 OH	400
	WNED	17 NY	445		WTVQ	36 KY		26 tr 2003	WCET	48 OH	400
2217	Toronto	19,41,47			WOSU	34 OH	395		WKON	52 KY	437
	and 57				WSBNt	47 VA			WIII	64 OH	400
					WPBO	42 OH	462		WPBO	42 OH	400
24 tr 1737	WCET	48 OH	400		WGRBt	34 KY		2125	WGKI	33 MI	110

Scott Steenhusen, 777 Silver Springs #1804, Wichita KS 67212

CDT

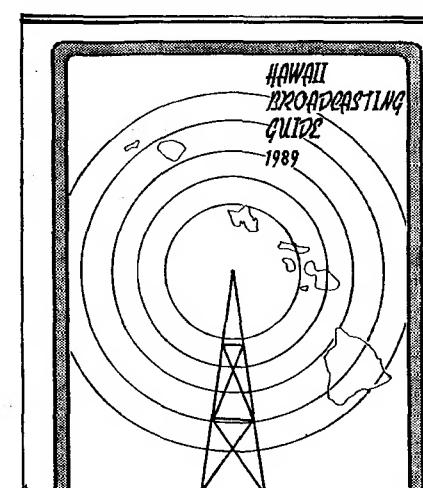
Equipment:

RCA XL-100 19", rabbit ears - VHF and 4 bay bow tie / screen at 20' on an Archer rotor - UHF

<u>August 1989</u>	18 tr 2130	Topeka	27,49	18 tr 2331	KCCI	8 IA	350
23 Es 2207	KXJB	4 ND	620	2336	KHSX	49 TX	355
	KGFE	2 ND	680	24 tr 0002	WAND	17 IL	470
2231	KWSE	4 ND	780		KMCI	38 KS	
				2001	KPTM	42 NE	245
				0010	KHBS	40 AR	240
				0020	KSNF	16 MO	
				0144	KWNL	7 IA	435
				0027	KJMT	38 AR	
				0030	KLJB	18(IL) 440	
				0144	KHOG	29 AR	210

I was quite surprised by K59DA here in Wichita on July 14th. I called the TBN Engineering Department to find out the exact location of the transmitter site and power. TBN acknowledged that it is one of their owned and operated. The transmitter location is downtown at the abandoned AT&T tower. "Testing" power is 650 Watts erp, but upon FCC approval, the erp is to be increased to 8.2 kW. That power increase was supposed to have happened within a few weeks of the original July 3 sign-on according to TBN. However, four months later, the signal is still snowy on a bow tie six miles from the transmitter's omnidirectional antenna.

Here in Fargo, TV-DX has been nonexistent. Thanks to everyone who contributed to Western TV-DX this year. I hope everyone has a happy holiday season and that 1990 is an eventful year for our hobby.



Here's a mini review of a booklet that might just be the next best thing to a trip to Hawaii for a DXer. It also is something that anyone near the California coast should have, what with all the recent news of CA-to-HI FM and TV stns. Frank Aden does a great job listing all the pertinent data on the "Aloha state" AM, FM & TV stns. Just reading through these lists makes you want to go there! Includes accurate addresses, phone, technical data such as powers and antenna height, and names of key station personnel--important if you want to be sure a reception report gets answered. For info on price and ordering: contact Frank Aden, 5147 Morris Hill, Apt 133, Boise ID 83706.

# TELEVISION IN SOCIALIST CUBA

BY JULIAN ANDERSON  
(COURTESY CESAR OBJIO, VIA NATIONAL RADIO CLUB)

Hello, this time I'm going to comment on television in a Socialist country, such as Cuba.

Info was made available by Luis, a friend who lives in Camajuaní, Villa Clara. The name is omitted for obvious reasons.

With 10 million inhabitants, Cuba has 1,622,00 TV sets, that's to say an average of 1 set per every 6.16 inhabitants (data Aug. 85).

Colour norm is the American (NTSC) and the system is "M". TV sets are generally made with Soviet parts, and assembled in Cuban factories. Their quality is really poor.

There are two networks, government controlled, which are: "Tele-Rebelde" (Rebel-TV) and Television Cubana (Cuban Television), being the latter popularly known as "Canal Seis". Both networks have their base in La Habana; "Tele-Rebelde" has 29 repeaters, and "Canal Seis", 30.

A short mention is necessary for the AFRTS Channel, in Guantanamo Bay, limited to its 0.485 KW power.

The two Government Networks have the following operating time:

- Tele-Rebelde: Sun/Fri 0700-2300, and Sat 0700-2400

- Canal Seis: Sun/Fri 1000-2400, and Sat 0900-0100, always local time.

This unusual extensive timetable is because (among other reasons), they want to avoid the reception of foreign channels (the Yankee ones, that is), which are easily received in the country. But in days of good reception, Luis is able to receive American, Mexican, Jamaican, Haitian and Dominican channels during the late evenings and early mornings.

The State keeps a team of censorship which controls all that is to be projected so as to make sure it corresponds to the Communist point of view.

Filmic materials has 6 main origins: the USSR, UK, GDR, France, Japan, & the USA. As secondary suppliers, we can name, Mexico, Venezuela and Spain, and Socialist countries as Poland and Czechoslovakia.

Programmes from Western countries are usually about historic facts, as BBC, RTE or TDF serials.

Mexican and Venezuelan programmes are generally TV novels (most tiresome, Luis writes).

US films (not serials) are usually those which describe Social problems, following the Castrist policy of showing the inefficiency of the Capitalist system.

Cuban-made programmes are basically divided in 3 groups: Educational/Recreative, "Fiesta" (featuring typical music), and Political-promotion.

Nevertheless, a private significance can be assigned to news and sports programmes: the news are called "NTV" (Noticias en TV - News on TV), and are broadcasted twice daily, between 1300-1330 and 2000-2030 hrs, local time.

Those that have to do with sports are generally baseball and Boxing (both favorite sports in Cuba). Also there are many programmes that have to do with athletics, as usual in Socialist countries.

Nearly everyday Socialist-Dogma programmes are broadcasted, which are shown during classes at school, these programmes, which are also Educational, of course, are called "Tele-Clases".

During weekends it is most common that both channels join the "Cadena Nacional" (National Network), and that they transmit extra-long Fidel Castro's speeches (most boring, Luis writes again).

On Sundays you're able to see "special programmes" which show how "trabajadores voluntarios" (voluntary workers) bestow their resting-day to the Nation's benefit.

As a resume, Cuban Television presents a generally-good standard in Educational & Sports programmes, but on the other hand programming is so heavily censored that people don't trust news or dogma programmes, as all are known for their "Pura Propaganda" (pure propaganda, that is).

With this article I've wished to give an updated panorama on Cuban TV, which is similar to that of Nicaragua. I'll write some further articles of this type no sooner than I have the necessary info.

Julian Anderson, from  
PAMPAS DX-ing!

## INTERNATIONAL NOTES

NOVEMBER 1989

conducted by Ronald Stock

WE'RE BACK with the VUD's column for the news and views of WFTDA clubmembers outside of North America. Not many items of interest have come in, plus my heavy vacation/travel schedule as well as club mail processing keeps me from the keyboard in the busy DX'ing months of the year! It does seem to be a HUMDINGER of a Fall with EUROPEAN TV now showing up here in Western NY on my converter but nothing very ID'able! Looks like video art!

ANYONE have any interesting ideas for F2 TV DX antennas? If you do, it might make a great V.U.D. article. From JEFF KADET comes an inquiry on this. I know many of you trying for 48.25/49.75 European video are using "ground plane" (vertical) antennas. Since the ghosting is so tough, does anyone have an opinion about the best antenna to use for F2 TV from Europe? After all, bottom cutoff for most U.S. TV antennas is 54 MHZ.

That will be it for this column.....Always great to hear from you DX'ers outside North America.....please though, no trivia stuff, I really don't need to know what soap opera is #1 in Italy or how popular "Dallas" is in Denmark.....back again soon with a story about how TROPOLYDX made news headlines in Europe and comments from LES REMMER about KOREAN TV. 73, RON

## STATION BREAK

WFTDA  
P.O. Box 514  
Buffalo, NY 14205-0514

WFTDA member ads only. Items may be edited to conserve space.

FOR SALE - We have arranged the following (below dealer pricing) for new in the box, UPS shippable antennas as follows-  
Channel Master Stereo Probe 9 (138" boom) \$57.46 plus UPS  
Channel Master Stereo Probe 6 (87.5" boom) \$41.39 plus UPS  
Antennacraft FM-10 (120" boom) \$31.00 plus UPS  
Antennacraft P-7 (parabolic UHF) \$59.00 plus UPS  
Antennacraft P-5 (parabolic UHF) \$41.00 plus UPS  
Antennacraft CS-1000 (30 el. 150" boom VHF fringe ant.) \$49.00 + UPS  
The above prices are for Worldwide TV-FM DX Assn. members only.  
Best time to reach us is weekend mornings (no collect calls please).  
Doug Allen - PO Box 5646 - Woodlawn Park CO 80866 (719) 687-3549

WANTED FOR TRADE - Current, unedited cassette recordings of WMBR 88.1. I will send current, unedited cassette recordings of WQKQ 92.1 or other Nashville-area FM. Erich Schulman (KTN4CA) - MTSU Box 9439 - Murfreesboro TN 37132

FOR SALE - YAESU FRG-7 shortwave receiver for sale. Covers 500 kHz-30 MHz. No bells, whistles or digital readout--just a good receiver. Will include Grove Mini-tuner. \$100 ppd. Must sell soon. John - (904) 389-2451

FOR SALE - YAESU FT208R 2-meter handie-talkie. 10 memories, direct keyboard entry, 4 watts high/2 watts low, speaker mike, rubber duck, DC adapter/trickle charger, 2 battery packs. \$125 ppd for whole package. Licensed ham only (verifiable in Callbook). Must sell. John - (904) 389-2451

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WFTDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

# FEEDBACK

MEMBERS COMMENT ON THE LAYOUT OF THE VHF-UHF DIGEST...IS THERE TOO MUCH "FILLER" AND TRIVIA? SHOULD THERE BE MORE "DX-RELATED" TOPIC COVERAGE?

I have got to wonder whether many folks who send in items and reports to the newsletter are actually DX-ing enthusiasts or "radio trivial pursuit" buffs who find more enjoyment in reading about stuff that relates to the broadcasting business. Isn't the hobby supposed to be about DX-ING?

Many of our writers send in long lists of stations logged. Often they are boring and sometimes kind of "stale." DX news loses impact unless spontaneously reported -- with some members seemingly waiting to see if anyone else has reported on the same "opening." This means little or nothing to a person like me...I am way more interested in the equipment used by them and the methods they use to identify their stations. And since you bother to print them, isn't there any way these total logging numbers can be checked or verified...just for instance, how about [EDITOR'S NOTE: Name of DXer deleted--not a WTFDA member] who claims to have logged THOUSANDS of stations, yet his "loggings" are actually the result of traveling to the stations themselves, and swapping tapes of the ID's with people around the continent. Some of you who are station engineers already know about this. Why not have a club committee to check into the claims of people like him?

Then too there are those who enjoy expounding ENDLESSLY about loggings of stations that can be heard on a regular basis. Why are there not more auroral- and meteor scatter enthusiasts reporting to the newsletter--are they not closer to the pursuit of DX-ing than those who are monitoring "easy catch" stations from the city less than 200 miles away?

PLEASE let us have more "news you can use" aspects such as receiver (tuner) evaluations, plans for DX-antenna arrays, technical tips, more photos, and the like. It would make the newsletter far more interesting and maybe more DX-ers would be inspired to report/write technical articles!

Sorry to offend those "non-DX-ers" in the club -- that's how I see it.

--Adam Hostetler, Houston TX

Is there anything we can do to get Northern FM looking a bit "neater?" Also, too many horizontal lines cross the pages. I would prefer reading paragraph style reports as opposed to lists...paragraph form would be the neatest way, if it's okay to send them in that way. Now, I am not being critical of Greg C., its just that S.F.M. looks so much better. Maybe its the hardware they use.

Another point. I see reporters' comments at the end of their reports duplicated again in Bruce Elving's FCC FM News. Does he really have to reprint all that stuff? Also, I read a lot of stuff that probably should be in a trade publication (in the Forum, for example), not in a DX oriented magazine. Why put it in just to take up space? Now take TV News. Although I am not primarily a TV DXer, I enjoy that column better because it lists the stations and the submissions to the forum don't wander off or go off on tangents like some in FCC FM. Western and Eastern TV really have the best appearance.

Go look, sometimes, at the VUDs from 1971 or the old mimeographed VUDs (I have some). These tended to concentrate on DXing - not industry news, or meaningless debates on AM stereo vs. FM stereo, or all band radios, or proposals on new commercial radio bands, etc. The tendency seems to be shifting from FM DX to FM listening.

Now most editors don't do this, but FCC FM seems to be going that way. It keeps getting larger, but with less meaningful information (I hope B.E. will forgive me!).

I have enjoyed the VUD for almost (good grief) 20 years. You guys do a great job!! I hope you don't mind the comments.

--Mike Bugaj, Enfield CT